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Union University Bulletin

Jackson, Tennessee

CATALOG

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University Calendar

1934

September 17 and 18, Monday and Tuesday—
Matriculation.

September 19, Wednesday—
Formal Opening.

October 29, Monday—
Mid-term begins.

November 29, Thursday—
Thanksgiving Holiday.

December 10, Monday—
Winter Quarter begins.

December 21 to January 1, inclusive—
Christmas Holidays.

1935

January 28, Monday—
Mid-term begins.

March 13, Wednesday—
Spring Quarter begins.

April 22, Monday, Mid-term—
Spring Quarter begins.

Sunday, May 26 (morning)—
Baccalaureate Sermon (First Baptist Church).

Sunday, May 26 (night)—
J. R. Graves Annual Sermon.

Monday, May 27—
10:00 A.M.—Annual Meeting of Board of Trustees.
10:00 A.M.—Strickland Medal Contest.
1:00 P.M.—J. R. G. Society final meeting and contest for J. W. Porter award.
2:30 P.M.—Home Ec. Exhibition and Style Show.
8:00 P.M.—Annual Banquet.

Tuesday, May 28 (10:00 A. M.)—
Graduation Exercises.

Final Examinations May 29 to May 31—.

Summer School will begin Monday, June 3.

Board of Trustees

D. A. ELLIS, '02, *President*.....Memphis
I. B. TIGRETT, '98, *Treasurer*.....Jackson
I. L. GRADY, *Secretary*.....Jackson

TERM OF OFFICE EXPIRES 1936

J. B. Avery, Lawyer, Alamo, Tenn.
O. C. Barton, Capitalist, Paris, Tenn.
H. W. Ellis, Pastor, Humboldt, Tenn.
Fleetwood Ball, Pastor, Lexington, Tenn.
Homer G. Lindsay, Pastor, Covington, Tenn.
F. J. Harrell, Pastor, Jackson, Tenn.
N. M. Stigler, Pastor, Martin, Tenn.
Homer H. Waldrop, Lawyer, Jackson, Tenn.
R. E. Guy, Pastor, Jackson, Tenn.
C. O. Simpson, Pastor, Trenton, Tenn.
Lloyd T. Binford, Insurance, Memphis, Tenn.
H. J. Huey, Pastor, Milan, Tenn.
D. C. Warren, Banker, Halls, Tenn.
H. C. Sanders, M.D., Physician, Selmer, Tenn.

TERM OF OFFICE EXPIRES 1935

J. L. Crook, M.D., Surgeon, Jackson, Tenn.
I. B. Tigrett, R. R. President, Jackson, Tenn.
O. O. Green, Pastor, Ripley, Tenn.
Nestor James, Banker, Gibson, Tenn.
J. T. Herron, Oculist, Jackson, Tenn.
D. A. Ellis, Pastor, Memphis, Tenn.
J. E. Dilworth, Merchant, Memphis, Tenn.
W. W. Jones, Banker, Martin, Tenn.
T. L. Thompson, Merchant, Jackson, Tenn.
G. T. Webb, Cotton Factor, Memphis, Tenn.
A. V. Patton, Banker, Jackson, Tenn.
R. W. Hale, Manufacturer, Nashville, Tenn.
R. L. Sanders, M.D., Surgeon, Memphis, Tenn.
E. A. Harrold, Merchant, Millington, Tenn.

TERM OF OFFICE EXPIRES 1934

A. R. Dodson, Banker, Humboldt, Tenn.
W. C. Boone, Pastor, Jackson, Tenn.
H. P. Naylor, Farmer, Union City, Tenn.
I. L. Grady, Optometrist, Jackson, Tenn.
Herron Pearson, Lawyer, Jackson, Tenn.
Dan Majors, Banker, Ripley, Tenn.
J. Carl McCoy, Pastor, Memphis, Tenn.
L. M. Short, Merchant, Brownsville, Tenn.
Ben Cox, Pastor, Memphis, Tenn.
A. M. Alexander, Merchant, Jackson, Tenn.
J. E. Edenton, Merchant, Jackson, Tenn.
W. R. Pettigrew, Pastor, Springfield, Tenn.
K. W. Rogers, Merchant, Dyersburg, Tenn.
R. N. Owen, Pastor, Paris, Tenn.

Faculty

GEORGE MARTIN SAVAGE, A.M., LL.D.....604 E. College

President Emeritus

J. R. Graves, Professor of Philosophy; Head of Department of French A.B., Union University, 1871; forty years Professor in Union University; eighteen years President of Union University; traveled and studied in Europe and Asia eleven months, 1905-1906; Author "Greece and Bible Land."

JOHN JETER HURT, Th.G., D.D., LL.D.....564 E. Main

President

Graduate Bryant and Stratton Business College, 1891; Most of Law Course, with certificates in subjects, Richmond College (now University of Richmond, Va.), 1898-1900; Member B. A. Class of 1900, Richmond College; Editor "The Baptist Advance," 1903-'06; D.D. Union University, 1914; D.D. Wake Forest College, 1921; LL.D. Georgetown College, 1932; President Arkansas Baptist Board of Education, 1907-'12; President North Carolina Baptist Board of Education, 1914-'22; Union University, 1932—

ARTHUR WARREN PRINCE, A.M., D.Sc.....Poplar Corner Road

Dean, Chemistry

A.B., William Jewell, 1904; A.M., William Jewell, 1905; D.Sc., Union University, 1933; Graduate Student University of Chicago, 1907, 1914, 1920-'21-'23; Principal Annapolis, Mo., 1901-'02; Instructor in Physics, William Jewell, 1904-'05; Head of Science Department Western Military Academy, Alton, Ill., 1905-'08; Member Am. Chemical Society; Head of Science Department, Union University, 1908-1918; Dean and Professor of Chemistry, 1918-'31; Dean and Acting President, 1931-'32.

CHAS. W. DAVIS, M.S.A., Ph.D.....E. Lexington Ave.

Biology

B.S., University of Tennessee, 1900; M.S.A., and Ph.D., Iowa State College, 1905 and 1917, respectively; Superintendent McMinn Military Academy, 1900-1902; Professor of Biology and Agriculture, Washington College, 1902-1903; Professor of Agriculture and Biology, North Georgia Agricultural College, 1903-'07; Principal State Agricultural School, Douglas, Ga., 1907-'14; Head Agricultural Department, West Tennessee Teachers' College, 1914-'18; Graduate Work, University of Wisconsin, Summers, 1910-11-12-16-17; Instructor University of Georgia Summer School, 1905; Author Rural School Agriculture; Registrar and Supervisor, U. S. Army School, Hospital 41, Staten Island, N. Y.; Vice-President Tennessee Academy of Science, 1932-33; Member Consulting Staff, Jno. T. McGill Biological Station, Walnut Log, Reelfoot Lake; Union University, 1919—

MRS. MABEL WHITSON HARDIN, A.B., A.M.....Lovelace Hall

English

Graduate Bolton College; Graduate Hall-Moody Institute; A.B., Union University, 1921; A.M., University of Tennessee, 1923; Graduate Student, George Peabody College, 1925-26. Traveled and studied in Europe, summer 1930. Many years Teaching in High School; Six years Professor in Hall-Moody Institute; Union University, 1926—

MISS ONNIE SKINNER, A.B., A.M.....Lovelace Hall

English

A.B., Union University; A.M., George Peabody, 1925; Additional Graduate Work, Peabody, Summer, 1915; Teacher of English, Central High School, Nashville; Hall-Moody Junior College, 1923-1927; Union University, 1927—

L. DEWITT RUTLEDGE, A.B., A.M.....344 Hays Ave.

History and Economics

A.B. in Education, Valparaiso, 1914; A.M., Union University, 1917; A.M., Peabody, 1923; Graduate student for Ph.D. degree, George Peabody, 1923-24, Summers, 1928-29-30; Student, Colorado University, Summer, 1926; Principal West Point Collegiate Institute, 1899-1900; Principal Waterloo High School, 1901-5; Principal Doyle Institute, 1907-10; Principal Bridgeport Academy, 1911-14; Latin, Hall-Moody Institute, 1914-16; History, Union University, 1916—

MRS. L. D. RUTLEDGE, B.S., A.M.....344 Hays Ave.

German and History

West Tennessee Normal, Summers, 1915-16-18; Asheville, N. C. Normal, Summer, 1920; University of Colorado, Summer, 1926; B.S., Union University, 1927; Graduate student, George Peabody College, Summers 1928, 1929, 1930, 1931; A.M., George Peabody College, 1932; Assistant Professor, Union University, 1928—

JAMES HAL CARTER, A.B., M.S., Ph.D.....Adams Hall

Chemistry and Physics

A.B., Union University, 1925; M.S., Vanderbilt, 1927; Ph.D., Iowa State College, 1931; Head of Physics Department, Teachers' College, Memphis, Tennessee, 1927-28; Graduate Assistant in Chemistry Department, 1928-31, Instructor in Chemistry, 1931-33, Iowa State College; Instructor in Chemistry and Physics, Union University, 1933—

EDWARD LIVINGSTON CARR, A.B., M.A., D.D.....Lexington Road

Mathematics

A.B., Ewing College, 1903; Graduate work Harvard University, Summer 1920; M.A., University of Chicago, 1925; Graduate Student, Chicago University, 1925-26; Principal Hudleson Academy, 1903-1905; Professor in Ewing College, 1911-1915; President Ewing College, 1912-1915; Professor of Mathematics, Hall-Moody Institute (Hall-Moody Junior College), 1915-1919; Professor of Mathematics, Ewing College, 1920-1921; Professor of Mathematics, Shurtleff College, 1921-24; Member of the Mathematical Association of America; Pastor of Baptist churches in Illinois, Missouri, and Tennessee, including Effingham, Johnson City, and Marion, in Illinois; and Martin, Tennessee. Professor of Mathematics, Union University, 1926—

CHARLES BRAY WILLIAMS, A.B., M.A., B.D., D.D., Ph.D.,
464 E. Lafayette

Greek and Education

A.B., Wake Forest College, 1891; B.D., Crozer Theological Seminary, 1901; M.A., 1908, Ph.D., 1909, University of Chicago; D.D., Baylor University, 1916; Professor of Greek, 1905-19; Dean, 1913-19, Southwestern Baptist Theological Seminary; President Howard College, 1919-21; Editor Southwestern Journal of Theology, 1917-19; Member Soc. Bible Lit. and Exegesis, Victoria Institute, Philosophical Society of Great Britain; Ala. Com. of Research in Character Edn. (Chm.) 1920-21; Author: "History of Baptists in North Carolina," 1901; "The Participle in the Book of Acts," 1910; contributor to International Standard Bible Encyclopedia, 1912; author, "The

Function of Teaching in Christianity," 1913; "New Testament History and Literature," 1916; "Citizens of Two Worlds," 1919; "An Introduction to Christian Ethics," 1925; "The Evolution of New Testament Christology," 1928; Professor of New Testament Interpretation, Mercer University, 1921-25; Professor of New Testament Theology, Summer Graduate School of Theology, University of Dubuque, 1922; Professor of Greek and New Testament Interpretation, Union University, 1925—

I. N. PENICK, A.B., Th.M., D.D.....438 E. College

Bible

(The Benjamin Perry Chair of Biblical Instruction)

A.B., Union University, 1896; Th.M., Southwestern Baptist Theological Seminary, 1921; twenty-two years pastor of First Baptist Church, Martin, Tennessee; sixteen years editor of Baptist Builder; Author of books and tracts; Summer School instructor in Southwestern Baptist Theological Seminary, summer terms, 1919, 1920, 1921, 1922; Professor, Union University, 1918—

NOBLE BOYD ARMSTRONG, A.B., B.M., A.M., Ph.D.....110 Camden

Education

A.B., University of Florida, 1922; B.M., Drury College Conservatory, 1928; A.M., University of Florida, 1930; Graduate Scholar, Duke University, 1930-31; Ph.D., George Peabody College for Teachers, 1932; High School Instructor and teacher-training supervisor in Florida, 1922-26 and 1928-29; Professor of Education, Union University, 1933—

LOUIS BROWN MATTHEWS, A.B., A.M., B.D., Ph.D.....Camden Street

Sociology

A.B., Mercer University, 1922; A.M., Mercer University, 1923; B.D., Newton Theological Institution, 1925; Ph.D., University of Chicago, 1933; Student of Virginia, 1917-18-19-20; Missionary to Argentina, 1925-29; Union University, 1933—

CONRAD HOFFMAN, A.B., M.A., Ph.D.....University Campus

German and Spanish

Born in Berlin and received elementary training there; B.A., University of Louvain, Belgium, 1914; M.A., Northwestern University, 1930; Ph.D., The University of Pittsburg, 1933.

H. C. COX, A.B., Th.M.....156 Arlington Ave.

Education and Bible

A.B., Baylor University; Th.M., Southwestern Baptist Theological Seminary; Teacher of English Clark Memorial College, Newton, Mississippi, 1919-1922; Hall-Moody Junior College, 1922-27; Union University, 1927—

REID DAVIS, B.S., M.S.....Adams Hall

Biology

B.S., Union University, 1931; M.S., Iowa State College, 1933; Graduate Student, Iowa State College, 1931-1933; Teaching Fellowship, Ibid, 1931-1932; Graduate Assistant, Ibid, 1932-1933; Forty Credit Hours toward Ph.D. degree, Ibid, 1932-1933; Associate in Biology, Union University, 1933—

FRED L. HICKS, B.S.....Union University

Commerce Subjects

B.S., Union University, 1931; Comptroller and Bursar Union University, 1928; Instructor in Accounting, Commercial Law, and Business Administration, Union University, 1931—

MRS. DEE E. RICE, A.B. ..... Lovelace Hall

Dean of Women and Assistant in Latin

A.B., Ouachita College, 1907. Several years teacher in high schools and academies. Union University, 1928—

MISS CLAIRE GILBERT, A.B., M.S. ..... Lovelace Hall

Home Economics

A.B., Union University, 1925; Graduate Student, Iowa State College, Ames, summers 1928, 1930; M.S., Iowa State College, 1931; Teacher of Home Economics in Grove High School, Paris, Tennessee, 1925-1930; Department of Home Economics, Union University, 1930—

MISS HELEN HUNT, B.S., M.S. ..... Lovelace Hall

Home Economics

B.S., Des Moines University, 1925; M.S., Iowa State College, 1926; Interneship, St. Luke's Hospital, Chicago, 1933; Taught Des Moines University, 1928-29; Louisiana Tech., 1929-30; Western Kentucky State College, 1930-32; Union University, 1933—

MRS. ARTHUR WARREN PRINCE ..... Poplar Corner Road

Director of Music

Graduate and Post-Graduate of Piano under Jno. B. Kindig of Germany, 1899-1900; Chicago Artist, 1902; Pipe Organ under D. S. DeLisle of St. Louis University, 1905-08; Private studio work, 1905-08; Organist at First Baptist Church since 1909; Student with Heniot Levy of American Conservatory, 1908-09; Studied under Maurice Aranson, Chicago Musical College, 1925; Director of Union Conservatory, 1910—

MRS. E. E. TALIAFERRO ..... 119 Allen Ave.

Voice

RAYMOND GUYON ..... 244 Linden St.

Violin, Band, Orchestra, Wind Instruments

Pupil of John D. Henderson, Anton Nevratil (Baylor University), Serge Glemee, Albert Heilman, and other teachers of national reputation. Graduate American Band and Orchestra School, Chicago, 1927. Bandmaster Rusk College, Rusk, Texas, 1919-22; Union University, 1922-26; Instructor, violin and wind instruments, Illinois College of Music, Chicago, 1926-33; Bandmaster, North Central College, Naperville, Ill., 1927; Associate Director, Cragun Conservatory of Music, 1927; Dean, American Band and Orchestra School, 1928-31; Field Bandmaster, Conn. National School of Music, 1931; Union University, 1934—

MISS VIRGINIA SHORT, A.B. ..... Lovelace Hall

Public School Music, Director of Glee Club

A.B., Tennessee College, 1931; Student with Prof. Lee Moore of Martha Washington College, 1926-27; Student under Theodor Bohlmann, 1928-29; certificate in piano under Frances Bohannan, Tennessee College and Chicago School of Music, 1930; taught Public School Music at Huntsville, Tennessee, 1932; Student under Patrick O'Sullivan, 1932-33; Teacher of Public School Music and Director of Glee Club, Union University, 1933—

MISS MARY GLENN PHILLIPS, B.L.I. ..... Lovelace Hall

Speech and Dramatic Art

Graduate of Sullins College, Bristol, Virginia; B.L.I. degree from Emerson College of Oratory, Boston, Massachusetts; Director of Speech, Central College, Conway, Arkansas; Graduate study at Northwestern University, Evanston,

Illinois; Private work with Prof. Phelps, of Northwestern; Director of Speech and Dramatics at Westlake School for Girls, Los Angeles, California; Student in Graduate School of Speech of University of Southern California; Special study under Mrs. Paul Rew, playwright of U. S. C. faculty; Radio work in Los Angeles, 1930-31; Private classes with Mrs. Elvie B. Willard, of Boston, Massachusetts.

WILLIAM RUSSELL REED, A.B., M.A.....Adams Hall

Alumni Secretary and Instructor

A.B., Union University, 1925; M.A., Colgate University, 1927; Student, Bucknell University, Summer 1927; Principal of Milan High School, 1927-28; Superintendent Milan City Schools, 1928-33; Instructor, Union University, Summer sessions, 1929-30-31; Union University, 1933—

SARAH ELSTON, A.B.....Lexington Ave.

Assistant in French

A.B., Union University, 1933; Student Instructor, Union University, 1931-32, 1932-33; Assistant in French, Union University, 1933—

ADOLPH BRADLEY HOLLINGSWORTH, B.S.....Adams Hall

Physical Education, Coach

B.S., University of Alabama, 1921; Graduate work, University of Alabama, summer terms, 1922 and '23; Graduate work, University of Kentucky, summer term, 1926; Principal and Athletic Director, Ozark City High School, Alabama, 1922; Principal and Athletic Director, Eufaula City High School, Alabama, 1923-25; Athletic Director and Professor of Science, Bethel College, Ky., 1926-30; Assistant Chemistry and Biology and Assistant Coach, Union University, 1930. Coach, 1931—

CALVIN C. FREY, B.S.....Adams Hall

Assistant Coach, Physical Education

B.S., Physical Education, University of Alabama, 1933; Assistant Coach and Physical Education, Union University, 1933—

MRS. VERNA THOMPSON.....Crook Hall

Hostess Crook Hall

HAZEL H. ELLIS, A.B.....Lovelace Hall

Acting Registrar

A.B., Union University, 1932; Recorder, University of Kansas, 1933; Acting Registrar and Commercial Teacher, Union University, 1934—

MRS. EMMA WATERS SUMMAR.....118 N. Hays Ave.
Cook County Normal
Librarian

M. M. SUMMAR, A.B.
Business Manager

FRED L. HICKS, B.S.
Bookkeeper and Bursar

MRS. LOLA TURNER MORRIS
Secretary to President

MRS. RENA SUBLETTE
Dining Hall Superintendent

(Extra Teachers in the Summer School, 1934)
S. S. Sargent, A.M., Supt., Booneville, Miss., Education.
W. A. Pennington, Ph.D., Iowa State College

Historical Sketch

Union University is the descendant and heir to two earlier institutions—West Tennessee College at Jackson and Union University at Murfreesboro.

West Tennessee College was established in Jackson as an academy in 1834, when Jackson was only a village 12 years old. Most of the early history of the school is lost. It is not definitely known what year the school became a college but a catalogue bearing the name West Tennessee College printed in 1844 has been discovered which gives the faculty and students of the previous year, showing three classes, Freshman, Sophomore and Junior, so that it is known that West Tennessee College was a going concern in 1843. 1842 is usually given as the date of the beginning of the college, but it is quite certain that the school was doing college work earlier. The school really had its first conception in the provision of the North Carolina compact in ceding Tennessee to the United States government to be made into a new State. It was provided that there should be two colleges established, one each in East and West Tennessee, setting apart certain public lands to that end. But it was not until 1846 that an act of Congress was passed extinguishing the title to unappropriated lands south and west of the congressional reservation line, and the $40,000 arising from the sale of these lands was set apart as an endowment fund for West Tennessee College, located in Jackson.

The college was chartered in 1846 by an act of Congress signed by James K. Polk as President of the United States. Hon. Milton Brown represented this district at the time and Andrew Johnson and Jefferson Davis were the members of the Congress that passed the enabling act. The charter was also granted upon the authority of an act of the Tennessee Legislature, Aaron Brown being Governor. Hon. Harvey Watterson, father of Col. Henry Watterson, being president of the Tennessee State Senate, signed the enabling act. It is rare, indeed, if not without parallel, that an institution of learning should have had as its godfathers a President of the United States, an American Congress, a State Governor and State Legislature, and as afterwards happened, a State Baptist Convention.

Rev. S. M. McKinney, A.M., was first president. Little is known of the details of the development of the school prior to the Civil War. At the close of the war Dr. William Shelton was elected president, and under his administration the school grew rapidly until it was consolidated with Union University in 1875, when the property and endowment were estimated at $90,000.

Among the prominent men educated in West Tennessee College may be named Judge W. B. Turley, father of the United States Sena-

tor Turley; Alex W. Campbell and Hon. William H. Jackson, brigadier generals in the Confederate army; Hon. Howell E. Jackson, United States Supreme Judge; and Judge J. L. H. Tomlin, Judge Henry W. McCorry, Chancellor E. L. Bullock, Col. Robert Gates, prominent journalist; Judge Levi Woods, Rev. A. B. Jones, many years president of M. C. F. I.; Judge John A. Harrison of St. Louis; Judge Chester G. Bond of Jackson; John Williams and Allen Clark, engineers and railroad builders; Hon. H. C. Anderson, president of the State Senate; Hon. J. L. Lancaster, president Texas and Pacific Railway, Dallas; Hon. Tom Freeman, receiver for International and Great Northern Railway, Dallas; L. J. Brooks of St. Louis, founder and many years editor of the Jackson Daily Whig, now Jackson Sun; Hon. H. K. Bryson, late Commissioner of Tennessee, and a host of others that gained national prominence.

In the year 1845 the Baptist General Assembly of Tennessee, feeling the need of an institution of learning of higher order, resolved to establish and endow a college known subsequently as Union University. The proposition had been agitated for twelve years preceding.

The sum of $65,000 was raised, and the institution was located at Murfreesboro. The Reverend Dr. Joseph H. Eaton was the first president, and held this position until death in January, 1859.

During the years from 1861 to 1866, inclusive, the school was suspended on account of the Civil War. The building was greatly damaged, the library and apparatus were destroyed, and the endowment was wholly lost.

The school was reopened in 1866 and continued until 1873, when an epidemic of cholera and other causes led to a suspension of all work.

On the 10th day of April, 1874, a convention was called at Murfreesboro to consider the question of re-establishing a college for the entire State, and a committee was appointed to locate it. Among the various propositions presented, Jackson was selected as the best site.

On August 12, 1874, the Tennessee Baptist Convention, then in session at Trezevant, appointed a Board of Trustees consisting of thirty-five members. The institution was rechartered by the State on June 25, 1875, under the name of the Southwestern Baptist University.

On August 5, 1890, a deed was made to the Southwestern Baptist University, of the campus, known prior to 1875 as West Tennessee College. During this year, Colonel J. W. Rosamon was chosen as financial agent, and in six months he had a showing of about $30,000 in bonds. During the year 1890 Miss Willie Edwards of Shelbyville, Tennessee, made a gift to the endowment fund amounting to $3,310. In November of that year the American Baptist Education Society set aside $12,700, $2,700 of which was to be applied to the payment of the agent's salary to June 20, 1892; the remaining $10,000 was gift conditioned on the raising of $40,000 additional to the $30,000 in

individual bonds raised by Col. J. W. Rosamon, as stated above. The same percentage of the $10,000 was paid out of the $70,000 in individual promises collected in 1897.

In 1897 a movement to endow the Chair of Logic and Moral Philosophy, in honor of Dr. J. R. Graves, resulted in raising $10,000. Dr. H. C. Irby was secretary of the movement.

Through the liberality of Mr. W. T. Adams of Corinth, Mississippi, a dormitory for young men was erected in 1895, and in 1896 this building was enlarged by the addition of a three-story front. In 1897 a dormitory for young ladies was erected, which, in consequence of a gift from Mr. J. R. Lovelace of Martin, Tennessee, was named in honor of his son, Everette Lovelace Hall. Both of these buildings are located on the college campus.

A new chapel was completed in 1899, and in honor of Dr. W. D. Powell, was named Powell Chapel. In 1901-2 the Perry Estate became the property of the University. With this the Perry School of Biblical Instruction was established in memory of Benjamin W. Perry, who gave his estate, amounting to $12,000, requesting it to be used especially in the education of young ministers. In the spring of 1905 Dr. H. C. Irby gave the University, under conditions accepted by the trustees, $18,000, which, with $7,000 already given, made his gifts amount to $25,000.

In May, 1905, the General Education Society offered the trustees $25,000 on permanent endowment, if the friends of the institution would promptly raise $75,000. The effort securing this offer in 1906 was successful under the leadership of President Hale.

At a meeting of the Board of Trustees, September 17, 1907, the name of the University was changed from Southwestern Baptist University to Union, the name given in its organization in 1845.

On January 20, 1912, the chapel and main building of the institution were entirely destroyed by fire. Much of the apparatus and the entire library were saved and the loss was partly covered by insurance. A movement to raise funds was immediately set on foot, and as a result of this movement the present Administration building was erected. On account of liberal gifts of Colonel O. C. Barton, Paris, Tennessee, this building was named in his honor, Barton Hall.

In January, 1920, a campaign was launched by the Baptists of Tennessee for $100,000 for Union University and most of it subscribed and a part of it paid in cash, when the larger movement, The Seventy-five Million Campaign of Southern Baptists, was launched. Union University's share of this fund was $200,000.

In May, 1922, the citizens of Jackson contributed $25,000 to an enlargement fund that resulted in the erection of the Joseph A. Crook Hall, Gymnasium and Dining Hall, the total cost of which was about $60,000.

In the fall of 1925 the board of trustees deeded all of the property to the Tennessee Baptist Convention and secured a new charter which vested all rights and authority in the convention which appoints all of the trustees.

For some years there had been a growing sentiment among the Baptists of Tennessee that they had more schools than they were able to support. This sentiment found expression in the State Convention in Memphis November, 1926, when the Convention instructed its executive board to so correlate the two schools in West Tennessee as to avoid duplication of work and expense. At the meeting of the Board in December following they voted unanimously to consolidate Hall-Moody Junior College with Union University at the close of the current school year, ordering the propery of Hall-Moody sold for its debts, and that the records and alumni of Hall-Moody be transferred to, and become a part of, Union University. This action of the Executive Board was later ratified by each of the college boards.

In 1928 a campaign was launched for funds to liquidate indebtedness and increase endowment. This has resulted to date in raising $210,000 in cash and pledges.

Union University has had the following presidents (No record of the presidents of West Tennessee College):

Joseph A. Eaton who guided the initial stages, from the early forties until the formal opening of the College, January, 1848; from then he was president until his death, January 12, 1859; J. M. Pendleton, 1859-61; G. W. Jarman, 1865-71; Charles Manley, 1871-72; George W. Jarman, 1872-90; G. M. Savage from 1890 to 1904; P. T. Hale, 1904-06; G. M. Savage, 1906-07; J. W. Conger, 1907-09; I. B. Tigrett, 1909-11; R. A. Kimbrough, 1911-13; R. M. Inlow was elected June, 1913, but resigned soon after opening of fall term; A. T. Barrett, 1913-15; G. M. Savage, 1915-18; H. E. Watters, 1918-1931; A. W. Prince (Acting President), 1931-32; John Jeter Hurt, 1932-

The longest terms of active service as professors are: Joseph H. Eaton, fourteen years; George W. Jarman, forty years; H. C. Irby, thirty-two years; T. J. Dupree, twenty-nine years; G. M. Savage, fifty years; A. W. Prince, twenty-six years; H. E. Watters, fifteen years; L. D. Rutledge, eighteen years; J. L. McAliley, twenty-one years; I. N. Penick, sixteen years; W. W. Dunn, fifteen years; C. W. Davis, fifteen years; Mrs. A. W. Prince, twenty-six years.

THE CITY OF JACKSON

Union University is located in Jackson, Tennessee, almost midway between Mobile and St. Louis on the Mobile & Ohio Railroad; between Chicago and New Orleans on the Illinois Central Railroad; between Memphis and Nashville, and Paducah and Memphis on the Nashville, Chattanooga and St. Louis Railroad. Jackson is connected with Dyers-

burg by the Birmingham and Northwestern Railway, with Birmingham and Jacksonville by another Illinois Central line, and is also connected with the Gulf by the Gulf, Mobile & Northern (See map on front page).

Counting arrivals and departures, Jackson now has thirty daily trains. Nearly all these trains arrive and leave between 5:30 a. m. and 8 p. m. Ministerial students will especially notice the advantages of transportation afforded them to reach churches on or near nine lines of railroad. More than one hundred churches can thus be served by pastors each year.

In addition to the railroad facilities, Jackson is now the center of nearly as many Bus routes, and a fine system of highways radiate out in eight directions.

Jackson is a progressive city of twenty-five thousand inhabitants, distinguished for hospitality, beautiful residences, and parks.

Though industries abound and prosper, it is peculiarly a city of homes and flowers, a place of culture and refinement, alike attractive to the resident, the visitor, and the student. Many families have moved here primarily for superior educational advantages.

HEALTHFULNESS

That Jackson is healthful is attested by the low death rate—a condition due in no small degree to the complete system of sanitation and the purity of the water supply. Coming from thirty-six artesian wells, this water supply seems inexhaustible, and is conveyed to all parts of the corporation by efficient municipal control.

A wonderful artesian well of fine sulphur and electrochalybeate water is one of the attractions of Jackson.

The elevation of the spacious campus, covered with grass and shaded with large oaks, the thick walls of the building, and long, wide halls and large windows, make Union University a splendid site for a summer school, which is maintained each year with rapidly growing popularity.

General Information

THE OPENING

The formal opening of the University will take place at 10:00 a. m., Wednesday, September 19. It is desired that all applicants meet the faculty in offices Monday and Tuesday, September 17 and 18, to take their entrance examinations or present their certificates from accredited schools and secure their registration. It is possible for all students to have registered, received their tickets of studies, settled their fees, located themselves in their boarding places, and be ready for class-room work on the 19th, immediately after the formal opening. The administration insists on this being done.

All inquiries for information about entrance, courses of study, expenses, scholarship, etc., should be made to the President or Dean.

Students desiring advanced standing should send their credits in advance.

Entrance units should be filed not later than date of entrance.

GOVERNMENT

Union has a co-operative form of government. The students co-operate with the faculty through the Student Council.

THE STUDENT COUNCIL

This Council composed of ten student representatives elected by the students, assists the President in discipline.

A similar body is elected in each of the halls to take care of the discipline in the halls.

These committees have brought about a very fine spirit of co-operation and high standard of conduct among the students.

It is assumed that all who attend the University know right from wrong conduct, and that they are disposed to do the right. Self-control ought to be the aim of every student and is the ideal which the University sets before them.

The University cannot accept full responsibility for the home conduct and social life of those students who attend the University from local homes. Parents and the students themselves must be responsible for such conduct when off the campus.

The University offers boarding accommodations for one hundred twenty-five women and one hundred twenty-five young men on the campus.

The school can and does accept a measure of responsibility to the parents for those students committed to our care who board in the college buildings; but manifestly, the school cannot accept full responsibility for the outside social conduct of those who board in private homes. The school will keep a list of approved private boarding places, and when parents request it, will recommend them to students; but aside from the advantages in economy, there are many reasons why we recommend that all students who can secure rooms, should board in the University buildings.

Parents ought to require that their sons and daughters board on the campus, and students under twenty-one years of age will not be allowed to board in private homes without written consent of parents. Students must not change boarding places without the consent of the President, and such consent will be given only when satisfactory reason is shown. Arrangements may be made, when satisfactory reason can be given, for their rooming in private homes and taking meals at the college dining hall, or for taking rooms in the college halls and meals in private homes, but boys and girls are not allowed to room or eat at the same private place.

Girls will not be permitted to board or room in private homes, except with near relatives, and with faculty members, without permission of the president. The faculty may make exceptions in special cases, but rarely.

Students of college age and grade may be safely entrusted with more liberties than the average high-school student. *Students needing constant watching should be sent elsewhere.*

FUNDAMENTAL REGULATIONS

First. Absentees from classes will be expected to make up each recitation with a coach or an assistant in that department. This applies also to students who enter a few days late in any term. Those who enter later in the term may not expect full credit for a term's work in any subject.

Second. Students are not permitted to give entertainments during the College session, either on the campus or in the name of the school or any department or any organization of it in the city, without consent of the President or faculty committee.

Third. Students whose college standing is unsatisfactory are forbidden to appear in any university function of a public nature. This applies to athletic as well as to literary celebrations and to oratorical contests.

Fourth. Except by special faculty consent, students must attempt to take not more than seventeen hours a quarter. Only in very exceptional cases will consent be granted for one additional hour. Students working for part of their expenses must take proportionately less school work.

Fifth. Keeping concealed weapons, swearing, playing cards or dice, or drinking spirituous liquors, are absolutely forbidden. Visiting pool rooms is forbidden under penalty of expulsion.

Sixth. Hazing will receive severest punishment.

Seventh. Students are forbidden to seek aid in examination, other than that given by the instructor in charge.

Eighth. No clubs, fraternities or societies may be formed unless the faculty, on application, approves the design of such organization, the rules by which it proposes to be governed, and the hours of the meeting. The faculty reserves the right to limit or to disband any such organizations. *The policy of the school is definitely fixed against admitting any more social fraternities, and no petitions for forming new ones will be received by the faculty. This position of the faculty is in accord with the unanimous action of the Board of Trustees.*

Ninth. The following classes of students are eligible to membership in any fraternity or sorority:

(a) All college students, excepting freshmen, and those who are conditioned in more than one subject required for entrance, and those who have not passed all their work for the quarter preceding nomination.

(b) Any special student above Freshman rank, who is carrying at least twelve hours of college work, and who has passed all his work of the quarter preceding nomination.

(c) Faculty approval for initiation will be conditioned upon *grades* as well as hours credit.

(d) The number of quality credits must equal the number of hours attained, for any above minimum Sophomore standing.

(e) The minimum will be SOPHOMORE STANDING, which is 36 hours, 36 quality credits, and 9 activity credits.

NOTE: (1) Fraternities and sororities must have faculty consent to initiate any student, and thirty days must be given the faculty for investigation before this consent will be given.

NOTE: (2) All students must have been in residence one full quarter before being promised or pledged to any fraternity. All fraternities must observe this rule literally and rigidly.

NOTE: (3) Initiation limitation: Fraternities may replace graduates and initiate ten additional pledges, each year.

NOTE: (4) The membership of each fraternity is limited to 35.

Tenth. No student will be allowed to deliver the same oration in more than one contest. This does not apply to inter-collegiate contests.

Eleventh. Students must be quiet and orderly in their boarding houses, and thoughtful of the rights of others. Going to town during study hours or at night is disorderly and is therefore forbidden. Occasions may arise which justify a seeming violation of this rule. Young men are put on their honor, but subject themselves to being called to account for being out of room or being seen in town enough to arouse suspicion in the minds of friends.

Twelfth. While the faculty cannot assume full responsibility for boarding students not on the campus, it reserves the right to make such regulations at any time as may seem advisable, and the violations of the regulations on the part of a student will deprive him of the privileges of the school.

Thirteenth. The faculty will deal with all of the student organizations in the matter of discipline as with individuals, viz: assess demerits which shall carry a stated punishment. These shall be cumulative through the year.

DISCIPLINE IN THE HALLS

The rooms and furniture of both halls are to be gone over thoroughly and put into first-class condition, and rigid rules will be enforced to keep them in this condition. The deposit required of every one is to guarantee that all breakage and damage will be made good. The student, together with the superintendent of the hall, will make a careful inventory of everything in the room and its condition, both on entering and leaving it. Each student will be held responsible for his own room, and all collectively will be held for all property and parts of the building. The deposit will be returned at the close of the year less any claim for damage.

All students on entering any of the halls, voluntarily and tacitly agree to obey all rules of conduct and deportment that govern the halls.

Adams Hall has Student Government under the direction of the superintendent of the hall.

Strict discipline and good order will be maintained. Those who are unwilling to co-operate in maintaining good order would better not enter. It will save them trouble and embarrassment later.

NOTE—It sometimes happens that a student's presence in a hall is inimical to the best interests of the hall, and yet specific charges are difficult or embarrassing to make. Sometimes it is an accumulation of minor things which, taken separately, appear trivial. Sometimes the charges may be too serious to be openly preferred. In all such cases the interests of the hall as a home and sometimes of the individual himself, demand that he change boarding places. Therefore, the school in assigning rooms hereby explicitly reserves the right to cancel the reservation either before or while the student occupies the room without preferring any specific charge whatever. Only in such cases is room rent ever refunded. Students may petition for one's removal without stating charges, or of having their names known to any except the President and the hall superintendent interested.

RESERVING ROOMS

Anyone who wishes to reserve a room in either of the halls for the coming school year may do so by seeing the President in person or by writing to him, making a deposit of $5.00, which will be placed on the room ticket. This ticket will be retained by the Bursar, and the student may settle the balance at the opening of the school and receive the ticket.

NOTE—Room Reservation is not refunded. The reason is obvious and patrons will please not embarrass us by asking for exceptions.

RELIGIOUS LIFE

This institution is not a reformatory nor a theological school, neither is it a gymnasium. On another page we have mentioned the emphasis placed upon the training of the body. It is not necessary to mention the emphasis upon the training of the mind. But we would empha-

size the fact that we are anxious not to neglect the training of the spirit, the cultivation and development of the moral and religious nature, because a finely-trained mind in a well-developed body all goes for naught if the soul is lost. This school is not a church, nor a prayer meeting, yet we are careful that a healthy religious atmosphere shall, so far as possible, pervade the entire institution. In chapel exercises, in class rooms, in every relation where the occasion arises, something is said or done to remind the student that, after all, the religious life is best; that the Bible is true, and that life is only worth living which is ordered according to its precepts.

There are several religious organizations among the students:

First. The J. R. Graves Society, exclusively for young ministers, which meets every Friday afternoon for discussion of religious topics. This society has made a wonderful contribution to the religious development of the South.

Second. The Life Service Band, which meets weekly for the study of missions and other religious topics.

Third. The B. S. U. (Baptist Student Union) Council, which has general supervision of the religious activities of the school.

Fourth. The Y. W. A., which meets weekly, is composed only of girls. It has been A-1 for the past five years. At times the membership has passed one hundred.

A healthy Christian atmosphere pervades the entire institution, and during the year many students decide for Christ, and others become settled in their convictions as to their duty in religious work.

The students conduct a weekly college prayer meeting in the chapel and in the halls, and also a ten-minute prayer meeting each day at noon.

A revival is usually conducted each year at some time during the session.

Buildings and Equipment

The following statement as to the value of the University property is taken from the auditor's statement and treasurer's report:

Buildings, Grounds and Equipment	$ 694,530.04
Endowment, Current Assets and Endowment Notes	387,143.36
TOTAL	$1,081,673.40

The Executive Board of the Tennessee Baptist Convention appropriates money each year to the college for current expenses, equipment and indebtedness, and other funds received bring the total up to $24,000 which is equivalent to the income from an additional endowment of $500,000.

Campus

The campus of the University, containing fifteen acres, is located in the eastern part of the city within four blocks of the business district. On it are situated the nine buildings of the University. Thousands of dollars have been spent upon the campus, and under the direction of our own landscape artist, Dr. C. W. Davis, it is rapidly becoming the most beautiful place in the city.

BUILDINGS

Before any student will be allowed to move into any room in the halls, he will be required to see the Bursar, choose his room, make satisfactory settlement, and receive his room ticket, which he will show to the proper person at the hall. For this ticket he will pay the price of the room rent for the term. The charge is so small that there will be no refund for time out.

Adams Hall

On August 13, 1918, the front part of Adams Hall was destroyed by fire, but was rebuilt, and made better and more modern than before. Many of the rooms are connected with private baths, and shower baths are located on each floor convenient to the other rooms.

The rooms are furnished as Lovelace Hall described in the following paragraphs. Students will furnish their own bed linen, pillows, covering, and toilet articles.

Everette Lovelace Hall

The dormitory for young women is a splendid three-story building completed in 1897. In this hall rooms are provided, at a minimum cost, for sixty young women. The furniture of the rooms consists of chairs, a table, dresser, bed and mattress. Each room has a very large closet. Young women should bring with them blankets, quilts, sheets, pillows, pillowcases, and towels. Only two students occupy a room.

On each floor are bath rooms with hot and cold water, closets, and lavatories.

Joseph A. Crook Hall

The new girls' home on the south campus has been christened the Joseph A. Crook Hall, in memory of the late Dr. J. A. Crook, who was a member of the Board of Trustees for forty years, was secretary most of that time, and was one of the most loyal supporters the school ever had. This accommodates sixty girls and houses a part of the Home Economics Department. The bedrooms are beautiful and well lighted; all except three rooms have two windows, and six have four. The rooms are furnished as Lovelace Hall except that most of the rooms have single beds and have a dressing table as well as a dresser. Provision is made for about half of the girls to do their own cooking or clubbing in both Crook and Lovelace Hall.

Dining Hall

The building known as Dorcas Hall, formerly the Conservatory, has been remodeled into a dining hall, to accommodate 250. Few schools can boast a dining hall more beautiful or more pleasant. The students have purchased a piano for this hall and have music at meals.

Barton Hall

The new Administration building is located on the site of the old one. It is modern in every appointment and classic in design. It contains the library and reading room, recitation rooms, society and fraternity rooms and administration office. Immediately behind the main building and connected with it is the chapel hall with a seating capacity of six hundred. The equipment throughout is complete and modern. There are few better equipped college buildings anywhere in the South.

Home Management House

The Home Economics Department under the leadership of Mrs. Grace Hudson has erected a model Home Management house at a cost of $10,000. It is of Dutch Colonial design, with four bed rooms, child's room, sleeping porch, sitting room, sun room, dining room, kitchen, breakfast room, and two bath rooms. The large full story basement is planned for nursery school and club rooms. The latter has a large rustic fireplace and kitchen, which makes a delightful club-room.

Power House

This building is of light brick, erected in 1905, and situated at a safe and convenient distance from Adams Hall, Barton Hall and Powell Chapel.

Library and Reading Room

In the Administration building the Library and Reading Room is furnished splendid quarters. There are about thirteen thousand volumes well selected and catalogued, including the T. T. Eaton bequest, which gives us a good working library, to which additions are made each year. The Reading Room contains the leading magazines, religious periodicals and daily papers.

In addition to this, the Jackson Free Public Library of 25,000 volumes is within four blocks of the University, on College street, and pupils have free access to it.

These libraries give our students splendid library facilities.

Athletic Field

Union has a splendid athletic field, including practice and contest game fields, Tennis Courts and Tracks. The students and alumni have erected a stadium and installed equipment for night football.

Gymnasium

The Gymnasium is an excellent building, 77x92 feet, and contains a splendid basket-ball court, showers, lockers, dressing rooms, etc. It has seats for 1000 and standing room for many more.

The J. W. Stovall Museum

Most of the collection that had been made was destroyed when the main building burned in 1912. We have now started a museum worthy of the institution. The first gift of any consequence was made some years ago by Mr. J. D. Barnett, Forrest City, Ark., A.B., of the class of 1886. This is a very valuable collection of geological, historical and biological relics and specimens, and makes a fine nucleus around which to build a splendid museum.

To these have been added valuable contributions by other alumni—one by Rev. J. Frank Ray, D.D., class of 1902, now in Hiroshima, Japan. This collection contains many things of interest from that quaint and interesting country.

Another is a valuable collection from the battle front, brought back by Captain Julius Johnson, class of 1911. Captain Johnson has since added many other things collected in his travels in America.

Others by Sergeant Harry Carter of the Rainbow Division, and Alvin Todd of the Navy, some interesting things from Germany and the Philippine Islands.

For three years Mr. J. W. Stovall was busy collecting and classifying material, and has made a remarkable showing, more than 30,000 specimens, most of them bearing directly upon subjects being taught in the college, particularly biology, geology, and history. In recognition of the untiring, unselfish and efficient labors of Mr. Stovall the faculty voted to name the museum in his honor.

Three valuable shipments have been received from the Smithsonian Institute, and many things from friends in various lands. The most valuable additions were an indefinite loan of the great private collections of Indian and Mound Builders relics; one, that of Judge Homer Tatum of Alamo, in which there are about five thousand specimens, catalogued; the other is the splendid private collection of the late Dr. McCoy, loaned by his daughter, Mrs. Robt. Mahon, and her husband of the class of '17.

The City Y. M. C. A.

The City Y. M. C. A., a hundred thousand dollar building, is located four squares from the University campus. It contains a splendid gymnasium and swimming pool, which are at the disposal of the students for a nominal sum.

MEDALS

A gold medal, established by A. V. Patton for the best orator in the Calliopean Society.

The Calliopean Society gives each year a gold medal for the most general improvement in proficiency in debate, also a "best debater's" medal.

The J. W. Porter Award of an International Dictionary or a Liddell & Scott's Unabridged Greek Dictionary for the best essay on some assigned topic, limited to the members of the J. R. Graves Society of Religious Inquiry.

The Fannie Forrester Medal, established by G. M. Savage, is given to the pupil who completes most satisfactorily the post-graduate course in music according to the decision of the director of the Conservatory.

The Chi Omega Award of $25 in gold to the non-Chi Omega girl who makes the best record in Sociology.

The Charles H. Strickland medal, established by Mrs. C. H. Strickland for the best orator in the Senior class. This is an endowed medal, and therefore, permanent.

The Elizabeth Tigrett medal, founded by I. B. Tigrett in honor of his mother. It is awarded to the Senior who has, in the opinion of the faculty, made the best record during the four years in college. Scholarship and usefulness in student activities are the tests emphasized. The student must be a member of some literary society. This medal carries with it the highest honors of the Senior class.

Loyalty Medal, founded by Mrs. M. M. Summar for the Palladian Society.

Loyalty Medal, founded by Mrs. A. W. Prince for the Euphrosynean Society.

Loyalty Medal, founded by Mrs. Print Hudson for the Enonian Society.

The Karry Karnes Barry Medal, for the best essay in the Palladian Society.

Dr. Chas. B. Williams' medal for All-Round Culture—to be awarded by the faculty heads to the Senior (either section) displaying the best combination of (1) Personal refinement; (2) Scholarship; (3) Knowledge of literatures including two foreign languages; (4) Knowledge of at least two of the fine arts.

The A. W. Prince Medal, given for the best article for the year in the Cardinal and Cream.

The Stanfield Medal for best essay in Enonian Literary Society.

Rev. J. G. Hughes, Union City, Tenn., class of 1917, has established a medal which will be given the best all 'round Senior of the August commencement.

Ann Johnson Award, founded by Miss Willie Margaret Johnson, in honor of her mother and father, Mr. J. H. Johnson and Ann Johnson,

to be given for the highest scholarship and greatest loyalty shown by an active member of Alpha Phi Epsilon, National Honorary Literary and Debating Fraternity.

Student Organizations

The University is not responsible for any financial obligation incurred by a student organization, student, member of faculty, or employee unless authorized by the President or Business Manager in writing.

STUDENT ACTIVITY ASSOCIATION

The Student Activity Association controls the finances, in a large measure, of a number of subordinate organizations. This body has control of the ways and means of financing these organizations, and is under the management of the students themselves. It handles all the books and stationery of the school, the profits to be used as the student body may direct in financing their several activities. This organization arranges for collective buying, handles the laundry and has control of practically all of the financially profitable enterprises in which the students may collectively engage. The funds of the organization are used as the students may direct: to help needy students, to finance the Athletic Association, to assist in financing the Cardinal and Cream, the Annual, and such other enterprises as the students themselves may vote to foster.

This organization finances practically all of the calls that would ordinarily be made on the student body for such things as flowers for sick students and funerals, expenses of representatives to student conventions, games, entertainments, etc,; so that there are no collections taken at Chapel or among the students for such things.

ATHLETIC ASSOCIATION

This Association promotes and fosters teams and games in football, basketball, track and tennis. It stands for and insists upon clean and wholesome athletics and has maintained very high standards. Through its high standards and influence, young men are toned up in their moral character and ideals, and even in their religious views.

Union is a member of the Southern Inter-Collegiate Athletic Association (S. I. A. A.) and observes all the rules and regulations of that Association.

ATHLETICS

Union University believes in training the body as well as the mind and soul. Perhaps nothing encourages an interest in physical exercise more than college athletics. While it usually happens that those who are on the teams are already developed, and therefore do not need the inter-collegiate contests for their own physical growth, yet it is true that most of them were originally aroused to an interest in the develop-

ment of their bodies either by practicing in games, or by watching the games of others.

In order that our college teams may be a credit to the institution, and that it will be a compliment to a young person to be a member of the team, the faculty has adopted the following rules which will be strictly adhered to:

1. None but *bona fide* students of this institution shall be allowed to participate in inter-collegiate or inter-scholastic contests. By "bona fide" student is meant:

(a) Any student who is carrying a regular course of study of not fewer than twelve hours a week in this institution, and who was enrolled at or near the first of the term in which he plays.

(b) Any student who has not failed or been conditioned on no more than one-third of his work.

(c) Any student whose classification conforms to the rulings governing classification of all students as shown on page 37.

2. No team will be allowed to be absent from the University for more than five recitation days during a season without faculty consent.

3. A member of the faculty shall accompany all teams when away from the University.

4. *All funds shall pass through the books in the College office and all checks be signed by the Business Manager, and the President and Business Manager shall approve all contracts or orders involving money. This is imperative.*

LITERARY SOCIETIES

The literary societies play a prominent part in the life of the student body. There are two for boys, the Calliopean and G. M. Savage societies. There are three girls', the Palladian Literary Society, organized over fifty years ago, the Enonian, and the Euphrosynean. These societies are flourishing, wide-awake, and meet weekly.

CARDINAL AND CREAM

This is a weekly college paper edited and published by the students and is a bright, breezy, readable paper. Sample copies will be sent upon request.

"LEST WE FORGET"

This is a beautiful book, well bound, and issued every year by the students. It is a volume always greatly prized by the students, and one that grows in value with the passing years.

FRATERNITIES AND SORORITIES

Union has five fraternities—Alpha Tau Omega, Sigma Alpha Epsilon, Chi Omega, Zeta Gamma, and Alpha Phi Epsilon. The last named is an honorary literary and debating fraternity. They have their

own special activities and functions, and add variety and charm to the college life.

THE NESTOR CLUB

This is a special literary club of upper classmen consisting of thirteen members, one of whom is a member of the faculty, and is organized to promote special scholastic interest and attainments. When a vacancy is caused by the graduation of some member, a new member is elected his successor from the upper classmen.

HYPATIA CLUB

This is a literary and social club of upper class girls, limited to sixteen in number and the Head of the English Department as sponsor. It is intended to train the girls for success in such clubs after they leave school.

OTHER CLUBS

The Chemistry Club, composed of chemical fans.

The Home Economics Club, composed of girls in the Home Economics Department.

The Doctors Club, composed of pre-medical students.

Tri-V Club, which is a Junior-Senior Home Economics Club.

History Club, composed of two faculty members of the History department as sponsors, and sixteen A-grade History students.

Carr Mathematics Club, composed of ten advanced mathematics students and Dr. Carr as sponsor.

Spanish Club.

French Club.

The W. A. Owen Law Club.

Cardinal Key Club, composed of seventeen students and a faculty sponsor, having as its purpose the promotion of school spirit in all student activities.

All these clubs meet with a program every two weeks and discuss topics of peculiar interest to those of the group. They create and maintain a vital interest in each department represented.

Expenses

The school year is divided into four quarters, both for the readjustment of classes and for the payment of fees.

The amounts designated below are due and payable at the beginning of their respective quarters. Tuition is NOT charged by the month, but by the year, the amount for the year being divided according to the quarter for convenience.

ALL fees *must* be settled with the Bursar before a student will be enrolled in any class. The student who cannot pay cash must see the Bursar and make satisfactory arrangements before entering classes, just as those paying cash.

If a student cannot pay any or all of his fees when they are due, he should come prepared to make a bankable note, or other satisfactory arrangements.

A small laboratory fee is charged each student who works in the laboratory, to cover the cost of reagents consumed.

Ministers of all denominations *in active pastorate* pay for their *minor* children, one half the rates for literary tuition in the regular term. There is no reduction in the summer term. *Properly accredited Baptist ministers get free tuition during the regular term. Those of other denominations get half rates.*

No boarding students will be allowed to carry fewer than fourteen hours' work, except upon advice of physician.

Condensed Table of Expenses

One Year of Three Quarters

(Payable in three installments)

	After 15 days in ea. Qr.	Cash 1/3 at 1st of ea. Qr.
Tuition (three quarters)	$111.00	$ 99.00
Board (three quarters)	171.00	162.00
Matriculation (three quarters)	21.00	18.00
Room Rent (minimum) (three quarters)	45.00	45.00
Student's Activity Fees (three quarters)	12.00	12.00
Library Fee (three quarters)	6.00	6.00
Maintenance Fee (three quarters)	12.00	12.00
College Annual Fee	4.50	4.50
Total for the year	$382.50	$358.50
Amount to be paid each quarter	$127.50	$119.50

Remarks—It will be observed that the cash discount is sufficient to enable a student to save money by borrowing money for his entire expenses. Or, in other words, the school pays the interest for the student who borrows money and pays cash.

In calculating the total cost for the year, from the table on this page, students will add laboratory fees if taking sciences, typewriting, or Home Economics.

He will add, if rooming in halls, five dollars breakage deposit and one dollar key deposit.

Books, laundry, and personal expenses are not included.

Books and stationery (estimated) vary from $15 to $30 a year. Laundry, from $15 to $30 a year.

If higher priced rooms are wanted, the difference must be added.

Rates by the Quarter

(Summer rates a little less—See page 87)

Literary Tuition	*Each Quarter*
*Regular rate after 15 days	$37.00
*Cash at first of term	33.00

*The above tuition rate is based on 16 quarter hours. For each hour credit in excess of 16 the charge will be $2.50 per credit hour.

LABORATORY FEES IN HOME ECONOMICS DEPARTMENT

Foods and Nutrition—

215	Food Preparation and Cookery	$6.00
216	Meal Planning and Table Service	6.00
217	Dietetics	5.00
218	Catering	4.00
219	Institutional Cookery and Management	4.00
220	Institutional Organization and Administration	4.00
315	Nutrition	3.00
316	Dietaries	5.00
317	Advanced Nutrition	4.00

Home Economics Education—

420	Problem Method of Teaching Home Ec.	$1.00
421	Special Problems in Home Ec. Education	$1.00

Home Management—

224 and 416 Home Management House
Room Rent, $19.00, and House Fee (Board, laundry, lights, water, etc.) $72.00 per quarter or $6.00 per week.

415	Home Management	$1.00
417	Home Nursing	2.00
418a	Child Development	2.00
418b	Nursery School	2.00
419	The House	1.00

Textiles and Clothing—

116	Textiles	$3.00
117	Elementary Clothing	2.00
222	Applied Design for Children	2.00
321	Advanced Clothing	3.00
405	Advanced Textiles	2.00
406	Advanced Dress Design	3.00
407	Special Problems in Clothing Design and Construction	2.00
424	Textile Economics	2.00
425	Textile Economics	2.00

Related Art—

115	Art and Design	$2.00
119	Applied Art	1.00
120	Art Appreciation	1.00
123	Applied Design to Textile Fabrics for the Home	2.00
318	Costume Design	2.00
319	House Architecture	2.00
320	Interior Decoration	2.00
322	Historic Costume	1.00

Tuition, Special Students

Tuition for those taking less than a full course, $4.00 per credit hour for first three hours (includes all fees except lab. fees). For second three hours, $3.50 per credit hour. For third three hours, $3.00 per credit hour. Full rates for all above.

Table Board—	*Each Quarter*
Regular rate after fifteen days	$57.00
Cash at first of term	54.00

Fees

Matriculation fees	$6.00
Maintenance fee	4.00

Student activity fees 4.00
Library fee—all to be spent for books..... 2.00
For Annual 1.50

Chemistry laboratory fees, $5.00 for Elementary and $7.50 for Advanced, per term. Breakage deposit, $5.00.

Biology and Physics laboratory fees, $3.00 per course.

Geology, Surveying and Astronomy, $1.00 each per course.

Typewriting fee 4.00

Girls' Club

Expenses in the Girls' Club are much less. Girls can easily make their expenses less than the above by more than $100.

Occupants of the dormitories who have keys to their doors are not permitted to exchange keys with one another when they change rooms. All keys must be brought to the office and exchanged. Absolutely no refund will be allowed for a key bearing a number different from that issued.

ROOM RENT

(Each person)

Each Quarter

Adams Hall, East Wing.....$15.00

West Wing—$15.00 to $18.00 a term, in advance.

Girls' Halls—

For one-window room, $15.00 in advance.
For two-window room, $17.00 in advance.
For three-window room, $18.00 in advance.
For four-window room, $19.00 in advance.

Room Reservation—We have only a limited number of rooms, and for the past four years they have been engaged before the opening of school. This has necessitated our requiring a reservation fee of $5, *which is not refunded,* but transferred to room deposit when student enters.

Note—Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacating in order to claim his five-dollar room deposit.

Heat and Lights

Students rooming in the halls, but taking meals off the campus, will pay additional for water, heat and lights, as follows: Fall quarter $8, winter quarter $10, spring quarter $8. Each summer term $4. These rates also apply to the girls doing their own cooking. These fees are charged because the cost of heat, water and lights is charged to the account for board, and not in the account for room rent. Those eating at the Tea Room will get a proportional refund of this charge on their meal ticket. Ask Bursar for details.

SATURDAY CLASSES

Tuition and Fees—$4 per credit hour in classes of less than ten. $3 per credit hour in classes of ten or more.

RATES FOR CORRESPONDENCE COURSES

Correspondence courses, $3.00 per credit hour.

High School correspondence courses, $21.00 per unit.

TUITION IN FINE ARTS

Each Quarter

Piano (Advanced, under director).....$ *
Piano (Intermediate, under director)..... 27.00
Piano (Primary, under assistant)..... 24.00
Voice (Write for rates).

Composition and Advanced Theory—

Private Lessons	$10.00
Harmony (in class)	8.00
Musical History	8.00
Expression (private lessons)	20.00
Piano Rent, one hour a day, each	6.00
Additional hour a day	2.00

GRADUATION FEES

College Department	$10.00
Music Department Certificate, $5.00; Degree	10.00
Expression Department	5.00

*NOTE—Charges according to advancement.

NOTICE

Registration Fee—Students enrolled in Fine Arts Department only will not pay a matriculation or student fee, but will pay registration fee of one dollar only.

LATE SETTLEMENT FEE

A late entrance fee of $1 will be charged those completing their enrollment three days later than the formal opening of any term, and 25 cents for each additional day. This may be remitted for sufficient cause.

RE-ENROLLMENT FEE

Any student enrolling for only the first six weeks at the beginning of any quarter and re-enrolling for the second term later will be charged a re-enrollment fee of $2.00.

Change of Classes

No change can be made without the written consent of the Professor or Professors concerned, and the Dean, and the permit must bear the Bursar's stamp. Any student who makes a class change without a change card properly filled in, and filed with the Bursar at the beginning of the term, shall not receive credit for the work of the course in question, even if claim is made at the close of term. These fees may be remitted where changes are made upon the recommendation of the Dean or President, or if necessitated by any changes made in the program by the Dean. Fees remitted only upon the OK of the President or Dean.

Dropping of Classes

A course running through the quarter may not be dropped after the third week, and a six weeks term course may not be dropped after one and one-half weeks. Dropping of classes requires the same permission on change card as indicated in the Change of Classes above.

Refunds

Room rents, matriculation fees, student fees, maintenance fees, and room reservation fees *are never refunded*. Board is refunded for absences of even weeks, no fraction of a week considered. No refunds may be claimed for board for the last week of any term.

Tuition is refunded in the Literary Department, provided that no refund will be considered for less than one month's absence in any term, and full month's tuition will be charged for any fraction of a month that the student may be in attendance, and provided further that no refund of tuition whatever will be made when student is forced to withdraw from school for disciplinary reasons. Students in refusing to conform to the disciplinary rules of the school forfeit all claims for refunds.

No refund will be made for reduction in number of credit hours after two weeks of term has elapsed.

The claim for refund will be considered only from the date Bursar is notified in writing of absence. Where possible the Bursar should be notified in advance. No claim may be made for time preceding such notification. Reasons for these rules are obvious.

Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacating in order to claim his room deposit.

All athletic equipment issued to the students must be returned by them to the equipment man for credit. Otherwise, it will be charged against their accounts and they will be required to pay for it.

It will be observed that all of the above rules and regulations put the responsibility upon the pupil. He saves money by seeing the President and Bursar immediately.

Deposit Fees

Every student entering one of the boarding halls must deposit a breakage fee of $5.00, and a key deposit of $1.00. Students in Chemistry will deposit a breakage fee of $5.00.

These deposit fees will be returned to the student upon leaving school or at the close of the year, or upon return of articles, less any loss or damage charges.

Remarks on Ministerial Education

The ministerial board will consider all contributions placed in its hands as a *loan* fund, to be lent, not given, to those who need help. The personal note of the student will be taken, to begin bearing three per cent interest after the student leaves school. No security will be required except that three brethren, pastors or deacons, will sign an attached statement that they have implicit faith in the student's sincerity, piety and honest regard for moral obligations.

This is done for two reasons: First, to protect the ministerial students from unjust criticism and at the same time have regard for and develop their sense of self-respect. Second, to enable the University to develop in the course of years a large loan fund that will assist a much larger body of struggling young preachers. The young preachers themselves welcome this change. The worthy ones will be only

too glad to pay back the debt to help others, and the one who will object to doing so is unworthy of the sacrifice of the churches in supporting him.

SCHOLARSHIPS

Union has approximately one hundred scholarships, (mostly service scholarships) which range in value from $100 to $400 a year. Apply to the President.

LOAN FUNDS

Walter Gray Fund

In August, 1918, Mrs. Sallie Patrick of Collierville, Tennessee, gave the University a sum of money to be used as a fund to be loaned worthy students in memory of her deceased son, Walter Gray. The trustees accepted this and named it the Walter Gray Fund. In the first year it enabled nine of the best students in school to continue through the year. All of these otherwise would have been compelled to drop out of school. Most of them have since graduated and are holding good positions. Mrs. Patrick was so well pleased with the results that she later visited the school and added another thousand dollars to the fund. She left in her will $1,000 for this fund, which has now assisted about forty young people. This fund now amounts to nearly $3,000.

The Betty Sevier White Memorial Fund

The Betty Sevier White Memorial Fund was established in January, 1919, by her husband, Mr. Henry White, and son, Henry White, Jr., of Jackson, Tennessee. The establishment of this fund is a beautiful and worthy tribute to the one who had been so active in her church life and in her interest in young people.

Lanier Fund

In September, 1920, Mr. W. J. Lanier brought to the President's office, $1,500 in bonds, requesting that it be used in assisting worthy students, establishing a fund in memory of father and mother, Mr. and Mrs. J. P. Lanier, and daughter, Rubie Marie. Mr. Lanier has later made additions to this fund. This is a worthy memorial to those who for years were known as among the best friends the students, particularly ministerial students, Union ever had.

The W. H. Nichols Fund

In April, 1921, Mr. W. H. Nichols, of Kenton, Tennessee, established a fund to be loaned to young ladies studying for missionary work. Mr. Nichols is very much interested in the education of young women for missionaries, and was touched by the fact that while there has been much done for the education of young preachers, there has been no fund of this kind established, so far as the writer knows, to assist missionary girls. It was Mr. Nichols' hope that his establishing this fund would call public attention to the oversight and that others

would join him in an effort to make provisions for assisting girls who are offering themselves for missionary work. In this he has not been disappointed, for several others have made contributions to this fund.

The L. J. Brooks Fund

In May, 1921, Dr. L. J. Brooks of St. Louis, an alumnus of West Tennessee College (now Union University), established a fund of $500 in grateful recognition of his interest in his Alma Mater, and in young people who have to struggle, as he did, in getting through college. This fund rendered timely assistance to several worthy students this year.

The Waldrop Brothers Fund

In April, 1922, Messrs. Homer and Floyd Waldrop, students in Union University, realizing the need and value of such funds, upon conditions accepted by the trustees, established a fund of $500—a worthy monument to two worthy students.

Ministerial Loan Fund

The University receives $1,000 annually from the Baptist State Executive Board, which is loaned without interest to young ministers.

Class of 1922-23

The class of 1922 established a fund of $1,000 as a class memorial. It was their hope that other classes would follow their example, which in the course of a few years would establish sufficient funds to afford every worthy student the opportunity of a college education.

The class of '22 was not disappointed, for the class of '23 followed their example and established a fund of $570. There can be no greater testimony of the value of loan funds than the fact that our present student body is so impressed as to establish such funds themselves.

The G. M. Savage Memorial

The alumni have started a fund for a G. M. Savage Memorial Chapel, with the understanding that the funds are to be used as a memorial loan fund until needed for the building. Several thousand dollars have been paid in already, and is being loaned to Juniors and Seniors only.

The Crump Fund

Mrs. W. O. Crump, of Memphis, being impressed with the possibilities of loan funds for rendering a great service to worthy young people and through them to the world, has started a fund with $200.

Certain Sunday School classes in the First Baptist Church, Jackson, The Men's Sunday School class of the First Baptist Church, Clarksville, the West Jackson Church, and the W. M. U. of Central Association, are laying the foundations of splendid funds which have already made it possible for several of our best students to remain in school this year. The late Miss Mabel Edenton established a fund of several hundred dollars. A special friend of '27 is establishing a fund by monthly contributions.

Other funds which have already aided a number of students have been established by individuals and organizations: Cox Ministerial, Crook, Chi Omega, M. Edenton, Guy C. Hall, Eugene Johnson, Metz, Missionary Girls, and Prescott Memorial.

The Hall-Moody—I. N. Penick Loan Fund

The Trustees of Hall-Moody Junior College have transferred to Union University the loan funds that have been donated there, amounting to something more than $5,000, this fund to bear the name indicated. This fund is represented at present almost entirely by notes of students of Hall-Moody to whom it has been loaned. It will become available for students in Union as the notes are paid.

Rules and Regulations

The above funds, except those specially designated otherwise, are let out under the following regulations: First, funds are available to students who have demonstrated their real worth in school. Class records and deportments in general are considered. They must be recommended by all of their teachers. Second, six per cent interest is charged. Third, at present, owing to the limited amount at our disposal, we must limit the amount loaned to any student to one hundred dollars a year. Fourth, students who do not have insurance protection or property must offer approved security.

Form of Will

I, ..., hereby will and bequeath to Union University, Jackson, Tennessee,..... to be used as follows: .....

(Signed) .....

Place and Date.....

Witness: .....

The College

ENTRANCE REQUIREMENTS

For admission to the Freshman class in any regular course leading to a degree, a pupil must offer fifteen units. A unit means a high school course of one scholastic year.

English	3
Mathematics (1½ Alg. and 1 Pl. Geom.)	2½
*One Foreign Language	2
History	1
Science	1
Electives	5½
Total	15

A student deficient in one or more units will not be considered a regular college student until these deficiencies are made up.

When a student has required number of entrance credits but deficient in some required subjects, for example, one-half unit in Mathematics, student may make up deficiency by electing an equivalent amount of extra college work in that department.

*All students excepting those qualifying for the B.S. degree in Home Economics, will be required to offer two units of foreign language, or make up this deficiency by taking an extra two years in their college course.

WHAT MAY BE OFFERED
And the Maximum Amount of Each

English Composition, Grammar and Rhetoric	2
Literature	2
Algebra to Quadratic Equations	1
Algebra—High School Algebra Completed	1
Plane Geometry	1
Ancient History	1
Modern History	1
English History	1
American History and Civics	1
*Latin—Grammar and Composition, Caesar, Books I-IV	1
Six Orations of Cicero	1
Virgil's Aeneid, First Six Books	1
*Greek—Grammar and Composition	1
Xenophon's Anabasis, Books I-IV	1
German—Elementary Grammar and Reading	1
Elementary Grammar and Composition	1
French—Elementary Grammar and Reading	1
Elementary Grammar and Composition	1
Science—Physiography, with field work	1
Physics	1
Inorganic Chemistry, with laboratory work	1
General Science, with laboratory work	1
Domestic Science	1
Domestic Art	1
Botany, with laboratory work	1
Zoology, with laboratory work	1
Agriculture, with laboratory work	2
Physiology	½
Bible (if done under accredited teacher and equivalent to a full year of literary work)	1
Music (upon satisfactory examination on at least two years' work)	1
Manual Training	2
Commercial Subjects	2
Spanish	2
Military Training or Expression	1

ENTRANCE CERTIFICATES

Students must give evidence of being able to do college work before admission to classes, and an official transcript must be filed before November 1. Students entering at other than the first term, must present transcripts within reasonable time. It is much preferred that these transcripts be filed with the entrance committee on or before entering. Blanks will be furnished upon request.

ADVANCED STANDING

Students desiring advanced standing should send credits before entrance if possible; but must be received by November 15, and must be approved by the heads of departments concerned.

GENERAL REQUIREMENTS FOR GRADUATION

The total number of quarter hours required in each group is 192. Credits are determined by quarters; one credit hour means one hour of class work a week in a single subject throughout a quarter. The school year is divided into three quarters, so that the above requirement is equivalent to 64 year hours or 128 semester hours.

NOTICE: Time is required as well as hours credit. A minimum of ten and one-half quarters of residence or its equivalent including correspondence work are required for graduation. Eighteen hours of correspondence work will be rated as one quarter. All conditions must be removed and all correspondence work must be recorded by the opening of the term preceding graduation.

In each group a certain number of electives may be taken from any of the regular college courses offered, but must be other than those required in that particular group. However, the wise student will always finish his required work first. Failure to do this freqently forces students to do more than 192 hours in order to graduate.

Credit for work done in the Fine Arts Department can be counted up to a total of 30 quarter hours as elective in a Liberal Arts course.

All students are discouraged from offering just one year in language, but may do so for special reasons satisfactory to the Dean.

The maximum number of hours allowed in any one subject shall be fifty-four when the work is taken in four and five-hour courses and forty-eight when it is taken in two and three-hour courses.

Any student leaving a required freshman subject until the senior year shall receive one hour less credit each quarter for the delayed work.

COMPREHENSIVE EXAMINATION

A comprehensive examination in the major subject is required at the end of the senior year. In preparation for this examination the student will enroll during that year in the comprehensive course of his major department, this course being uniformly numbered 400. This requirement does not apply to students majoring in the physical sciences or in mathematics.

GRADING SYSTEM AND QUALITY CREDITS

All work is graded by letters which may be interpreted in percentage figures as follows: A 95-100, B 85-94, C 75-84, D 65-74, E 55-64, F below 55. A, B, C, and D are passing grades, E is condition, and

F failure. In case a condition is not removed within the year following that the student is in residence, it automatically becomes a failure. A failure can only be removed by taking the course over again in class. Incomplete work, or absence from examination by excuse, must be made up within the next quarter of the student's residence; otherwise the incomplete grade becomes a failure.

A student to graduate must present a minimum of 192 quality credits in addition to the regular 192 hour credits. It is not enough to have the required number of credits, they must be of standard quality. The system of quality credits is as follows:

Three quality credits are given for each credit hour of "A" grade, two quality credits for each credit hour "B" grade, one for grades of "C," and none for grades of "D." One quality credit shall be subtracted for each hour "E" grade, and two quality credits shall be subtracted for each hour "F" grade.

Honor Students

Students making an average of 2.5 quality credits for each hour of credit, which is half-way between "A" and "B," during their college course graduate as Honor Students, *Cum Laude*. The one ranking highest with *Summa Cum Laude,* and the three ranking next below the highest, *Magna Cum Laude,* provided all are above the required 480 quality credits.

ACTIVITY CREDITS

A student to graduate must present a minimum of 36 activity credits in addition to the 192 hour credits and 192 quality credits, except that 2½ activity credits will be waived for each summer quarter that the student has been in attendance.

One activity credit per quarter is allowed for satisfactory work in any Literary Society, B. S. U. Council, Life Service Band, Y. W. A., Publications, Student Council, Hall Governing Boards, Orchestra, Glee Club, Band, and Gym Classes, and two activity credits are allowed for regular and active participation in Athletics.

Two activity credits are allowed for perfect chapel attendance, one for student who has not more than 5 excused absences, one-half for student who has not more than 10 excused absences, and none for student who has as many as 15 excused absences.

One activity credit is allowed for perfect Sunday School attendance, one-half for student who has no unexcused absences.

Not more than 72 activity credits, 18 per year, may be made in student activities mentioned above. All claims for student activity credits must be made by the last day of the term in which claim is made. The minimum activity credits required for graduation shall be 36.

Rules for Allowing Activity Credits

The following rules shall be followed in allowing members of various organizations activity credits:

(1) The society or organization must meet at least once a week; (2) The membership shall not be limited in number; (3) The meeting shall be primarily non-social.

Class and Chapel Absence Rules

Five excused absences from one class or from chapel shall count as one unexcused absence and shall then receive the same penalty as the latter.

The penalty for each unexcused class or chapel absence shall be the subtraction of one-half quality credit.

If during a quarter or term, the number of unexcused absences in any course exceeds the number of times per week which that course meets, the student, on recommendation of the instructor, will be required to withdraw from the course.

If the number of excused absences in any one course or from chapel exceeds 25% of total class or chapel meetings for the term or quarter, the student will be automatically suspended. This rule does not apply to members of teams absent as representatives of the school; in such cases, absences from chapel, classes, and Sunday School are not counted.

Classification

College students will be classified as follows:

(a) A student will be classified as a Freshman who has no conditions required for entrance and is carrying at least twelve hours of Freshman work in the Fall Quarter.

(b) A student will be classified as a Sophomore who at the beginning of the Fall or Winter has at least 36 hours of college work to his credit, 36 quality credits, and 9 activity credits.

(c) A student will be classified as a Junior who at the beginning of the Fall quarter has at least 84 hours to his credit, 81 quality credits, and 18 activity credits.

(d) A student will be classified as a Senior who at the beginning of the Fall quarter has at least sufficient number of hours to enable him to graduate either at June or August convocation by carrying a load not to exceed 18 hours per quarter.

NOTE: Nothing in these requirements may prevent a student's changing to a higher class the last quarter of the year, provided he has made up his deficiencies by that time.

PHYSICAL EDUCATION

Beginning with the year 1934-35, all students will be required to take some form of Physical Education for two years. Where this is taken in regular gymnasium classes, a credit of one quarter hour per quarter will be allowed. A maximum of six quarter hours will be allowed and required over and above the 192 scholastic hours required for graduation.

DEGREES OFFERED

The University at the present is offering but two degrees—Bachelor of Arts and Bachelor of Science. The requirements for the Bachelor of Arts degree are indicated in the chart on the next page, and in the remarks following on the next page.

For the Bachelor of Science degree the student must major in science or may substitute Education or Science for the two years of foreign language in Groups III and IV. The requirements for the two degrees, B.S. and A.B., are otherwise the same.

REMARKS

No student may receive a degree who has not had at least three quarters in residence at Union.

Students are not allowed to graduate who by taking extra hours have shortened their college courses by more than one and one-half quarters.

Students may have two bachelor degrees (e.g., Bachelor of Arts and Bachelor of Science), conferred when the requirements of both have been fully met, provided that he has not less than forty-five hours to offer over and above that required for the first degree.

Students expecting to teach in high school should remember that Tennessee requires at least eighteen hours in any subject for certificates to teach that subject—some states require more.

Applications for enrollment in the section of the Senior class graduating in May should be filed in writing with the Dean not later than the beginning of the winter quarter. August seniors must have their applications finally passed upon in the first summer term.

No one will be considered a member of the Senior class until passed upon by the faculty in session. All conditions must be removed by the opening of the last term. No one with conditions may have his name appear on the class announcements without special permission by the faculty. Those who enter their last quarter with no conditions may be excused from final examinations provided they have been faithful in their work and make "excellent" on their daily grades for the term. This rule does not apply to Freshmen subjects taken in the Senior year, nor does it exempt in the spring quarter those who are to graduate in the summer quarter.

PREPARATION FOR GRADUATE WORK

Students planning to continue their studies in graduate schools after leaving Union will do well to have the Dean or President advise with them in planning their undergraduate work to fit in with the requirements of the graduate school. This will require that the student select the graduate school he wishes to attend and the fields in which he wishes a major and minor, and to do the work required in those fields by the school or schools selected. Failure to do this has caused many students embarrassment and much loss of time with its accompanying expense in making up the undergraduate courses prescribed as prerequisites in their major and minor graduate courses. A reading knowledge of French and German is usually required in the graduate school.

SCHOLASTIC REQUIREMENTS FOR GRADUATION

Plan of Majors and Minors

The requirements for the Bachelors' degree from the College of Arts and Sciences are 192 quarter hours credit, not less than 192 quality credits, and a minimum of 36 activity credits, earned in accordance with the plan hereinafter set forth:

Regular Plan of Work

The completion of 192 hours usually requires four years, at the rate of 48 hours per year. Of these the first or freshman year is spent in general or introductory work, comprising courses in several departments and in widely separated subjects. During the second, third and fourth, or sophomore, junior, and senior years, the student may combine his work within certain comparatively narrow limits. The plan of the entire four years' work is known as the "major elective system." It consists of three parts: I, prescribed freshman work; II, major and minor subjects; III, free electives.

I. Prescribed Freshman and Sophomore Work:

1. On entering college a student who is a candidate for the A.B. degree is required to take in his freshman year the following subjects: Freshman English, 9 hours; one Foreign Language, 9 hours (to be followed by 9 hours of the same Language in the Sophomore year); from 9 to 12 hours of Natural Science or Mathematics; Religious Education, 6 hours; and Freshman Orientation, one hour credit.

2. Students who are candidates for the B.S. degree may substitute the equivalent amount of work in Mathematics and Science in lieu of two years of Foreign Language required for the A.B. degree.

3. Not less than 12 hours of Bible, 3 hours of Hygiene, and a year of each of two different Laboratory sciences (Biology, Chemistry or Physics), are required for graduation. Thesis English is required in all courses for graduation.

4. *Exemptions.* Four entrance units of one Foreign Language, or two units of two will satisfy the Foreign Language requirement.

II. MAJOR AND MINOR SUBJECTS:

All college courses are classified in a general way under three groups, which for convenience of reference will be designated as Groups I, II, III, as follows:

GROUP I. *Languages and Literature:* English, French, German, Greek, Latin, Music, Art, Logic.

GROUP II. *Mathematics and Natural Sciences:* Biology, Chemistry, Physics, Astronomy, Geology, Physiology and Hygiene, Mathematics.

GROUP III. *The Social Sciences:* Bible, Christian Education, Economics, History, Education, Political Science, Sociology, Psychology.

After completing the Freshman work, a student must choose one of the majors and its three prescribed minors, as shown in the table of majors and minors on the following pages. A major is 9 terms of work of not less than 27 hours in one subject (unless otherwise stated), taken in regular sequence of not less than 3 hours per week for 12 weeks, or 5 days per week for six weeks. A minor is 6 terms of work, of not less than 18 hours, with such exceptions as appear in the table.

Not more than 36% of the total amount of credit offered for graduation shall be Freshman courses.

NEW PLAN—DIVIDED QUARTERS

After the sucessful experiment of dividing the spring and summer quarters into six weeks terms, we have decided to similarly divide the fall and winter quarters. This means that the classes will recite daily and most of the courses will be finished in six weeks instead of twelve, the student taking just half as many courses. This will enable us to start new classes in the middle of the fall and winter quarters as indicated on the calendar page.

The work will still be run on the quarter basis. Students entering at the beginning of the quarter will make out their programs for both terms of the quarter.

TABLE OF MAJORS AND THEIR PRESCRIBED MINORS

MAJORS	COGNATE MINOR	SECOND MINOR	THIRD MINOR
BIBLE 27 hours, may include Christian Education.	6 terms of Sociology or 3 of Sociology and 3 of another Social science.	6 terms of Greek.	3 terms in each of two laboratory sciences.
BIOLOGY 36 hours, which may include 9 hours freshman work.	6 terms of Chemistry or 3 terms of Chemistry and 3 terms of Physics or Mathematics.	6 terms of one Foreign Language.	6 terms of one subject or 3 terms each of two subjects from Group III.
CHEMISTRY 36 hours, which may include freshman work.	6 terms in one other laboratory science or 3 terms in each of two subjects in Group II.	6 terms of one subject or 3 terms in each of two subjects in Group III.	6 terms of French or German.
EDUCATION 27 hours plus 9 hours of Sociology.	At least 18 hours in each of two subjects other than Education. This work must form two minors.	At least 6 terms in one Foreign Language for A. B. For B.S., at least 18 hours from Group II.	3 terms in each of two laboratory sciences.
ENGLISH 36 hours, including Freshman English, with 2 units of entrance credit in Foreign Language, preferably Latin, a prerequisite.	6 terms of one Foreign Language (for A. B. degree).	3 terms in each of two laboratory sciences.	6 terms of one subject or 3 terms in each of 2 subjects in Group III.
FRENCH 27 hours, (5 years, including 2 units of entrance credit in French, and 3 years in college.	6 terms of one Foreign Language other than French or four years entrance credit in Latin.	3 terms in each of two laboratory sciences.	6 terms of one subject or 3 terms in each of 2 subjects from Group III.
GREEK 27 hours.	6 terms of Latin or four units entrance credit in Latin.	3 terms in each of two subjects in Group II.	6 terms of one subject or 3 terms in each of two subjects in Group III.

MAJORS	COGNATE MINOR	SECOND MINOR	THIRD MINOR
HISTORY 36 hours, including the Freshman year.	3 terms of Sociology, and 3 terms of Political Science or Economics.	3 terms in each of two laboratory sciences.	6 terms of one Foreign Language (for A. B. degree only).
HOME ECONOMICS 36 hours, B. S. degree.	1 year each of Chemistry and Biology, or 2 years of Chemistry.	18 hours from Group III.	18 hours from Group I.
LATIN 6 years, including entrance Latin.	6 terms of one Foreign Language other than Latin.	3 terms in each of two laboratory sciences.	6 terms in one subject or 3 terms in each of 2 subjects in Group III.
MATHEMATICS 33 hours.	3 terms of Physics and 3 terms on another laboratory science.	6 terms of one subject or 3 terms in each of two subjects in Group III.	6 terms in one Foreign Language (for A. B. degree only).
MUSIC 36 hours in either piano, voice, violin, plus recitals.	18 hours in music other than major, also musical history, harmony, theory.	2 years of French or German.	3 terms in each of two laboratory sciences.
SOCIOLOGY 27 hours.	3 terms each in Psychology and Economics.	6 terms in one Foreign Language (A.B. degree only).	3 terms in each of two laboratory sciences.
PHYSICS 36 hours.	3 terms of Mathmatics and 3 terms of Chemistry.	6 terms of one subject or 3 terms of two subjects from Group III.	6 terms of French or German.

NOTE: Majors and minors for other departments may be worked out on this same plan on consultation with the Dean.

Pre-Professional Courses

TWO-YEAR PRE-LEGAL COURSE

Freshman Year		*Sophomore Year*	
English 100-101-103	9 hrs.	English	9 hrs.
History 101-102-103	9 hrs.	History	9 hrs.
Science or Math.	12 hrs.	Pol. Science 201-2-3	6 hrs.
Foreign Language	9 hrs.	Foreign Language	9 hrs.

TWO-YEAR PRE-ENGINEERING COURSE

Freshman Year		*Sophomore Year*	
Mathematics	15 hrs.	Mathematics	12 hrs.
English 100-101-103	9 hrs.	Physics	12 hrs.
Chemistry	15 hrs.	Foreign Language	9 hrs.
Foreign Language	9 hrs.	Mechanics	12 hrs.

Note: These courses may be varied somewhat according to the kind of engineering desired.

TWO-YEAR PRE-COMMERCE COURSE

Freshman Year		*Sophomore Year*	
English 100-101-103	9 hrs.	English	9 hrs.
Foreign Language	9 hrs.	Pol. Sci. Econ.	12 hrs.
Mathematics	12 hrs.	History (Europ. & Am.)	9 hrs.
History 101-102-103	9 hrs.	Foreign Language	9 hrs.

TWO-YEAR PRE-MEDICAL COURSE

First Year		*Second Year*	
Chemistry, 101, 102, 103	15	Chemistry, 307, 308, 309	12
Mathematics, 101, 102, 103	9	Physics	12
Biology	9	French or German	9
French or German	9	Biology	9
English 1, 2, 3	9	Embryology	3
		Comparative Anatomy	3

ONE-YEAR PRE-DENTAL COURSE

English (Composition and Rhetoric)	9 hours
Physics	9 hours
General Chemistry	15 hours
General Biology (or Invertebrate Zoology)	9 hours

Religious Education

DR. PENICK

(*The Benjamin Perry Chair of Biblical Instruction*)

DR. WILLIAMS

PROF. COX

Objectives

FIRST: To give a careful survey of the Old and New Testaments, teaching the students how to study the Bible, how to interpret it, and to arouse a greater interest in its study.

SECOND: To give the students a preliminary preparation in the great fundamental truths of the Bible.

THIRD: To offer such advantages as all students need to advance themselves as rapidly as possible in their church work while in college;

to enable them to develop their spiritual gifts along with their mental training, and to inspire them with a desire for a more thorough training for service.

FOURTH: To give such a practical course in elementary theology as is needed by the great mass of young preachers or those more advanced in years who, for various reasons, will never be able to pursue a course of study in a seminary.

COURSE OF STUDY

THE ENGLISH BIBLE

DR. PENICK

Twelve hours of Bible are required of all graduates.

The Bible Courses offered by Dr. Penick are divided into two sections, namely, the Old Testament and the New Testament.

Courses in the Old Testament will cover the Old Testament in one year of four terms, two hours in each course.

The purpose is to give an Introduction and Outline of each book so as to get a clear, comprehensive view of the great fundamental teachings of the Bible as a whole.

Old Testament

BIBLE 101. The Pentateuch will be covered in the first term. Special attention will be given to the Being, Nature and Activities of God as revealed in His relations to Creation, Redemption and Control of all things. His permission of sin, the method of revealing the Savior through Types, The Covenant with Adam, Noah, Abraham, and Moses. The beginning of governments, scattering of people, and the formation of the Jewish Theocracy, The Giving of the Moral Law, Ceremonial Law and Statutory Law. Two hours.

BIBLE 102. Will cover the last twelve historical books with the purpose of continuing the lines of study already begun and observing especially the fuller development of the fundamental principles, their application to the lives of individuals, officials and nations. Two hours.

BIBLE 103. The five poetic books, Isaiah and the two books of Jeremiah. Two hours.

BIBLE 104. The Daniel, Ezekiel and minor Prophetic books will be given the third term with the purpose of emphasis in the coming and mission of Christ and the preparation of the world for the spread of the gospel among all nations. Two hours.

New Testament

BIBLE 205. The four Gospels, and the Acts will be given the first term for the purpose of giving a clear view of the Savior as revealed through each Gospel, His methods of reaching men and His purpose in the salvation of every soul; the organization, development of His churches and the fuller development of His great teachings through the Old Testament. Texts: Scofield's Bible and "Harmony of the Gospels" by Savage. Two hours.

BIBLE 206. The Pauline Epistles will be offered the second term with the purpose of giving the fully developed teaching of the Bible on Salvation, Worship and world service. Two hours.

BIBLE 207. The General Epistles and Revelation will be studied the third term with attention directed to the completion of the teachings of the Inspired Word with emphasis on the prophetic teachings of Christ's second coming, the resurrection, final judgment, the rewards of the saved and the punishments of the wicked. Two hours.

BIBLE 208. Synoptic Gospels, Acts, James and First Peter. A careful interpretation of the Synoptics, noting the variations in the three; setting forth the principles of interpretation as a science and applying them to the sayings and discourses of Jesus; showing the kinship of the theological and ethical teachings in Acts, James, and First Peter with those of the Synoptics, with some marked differences. (Fall term). Dr. Williams.

BIBLE 209. The Pauline Epistles. Starting with the early epistles, First and Second Thessalonians, the simplicity of Paul's Christology and social ideals emphasized; continuing with the doctrinal group, Galatians, First and Second Corinthians, and Romans, his doctrine of justification is unfolded as related to the person and work of Christ, to the law and social life; continuing with the imprisonment epistles, showing his first emphasis is on the person and work of Christ and the fellowship of believers with him as the spiritual basis of correct moral living; concluding with the pastorals, emphasizing the organization of the churches, the maintenance of sound teaching, and correct moral living. (Winter term). Two hours.

Dr. Williams.

BIBLE 210. Hebrews and the Johannine Writings. (Gospel, Epistles and Apocalypse). Here is shown the highest development of Christology and spiritual religion, the finality and ultimate universality of Christianity. (Spring term). Two hours.

Dr. Williams.

New Testament Literature

BIBLE 211. A survey of the historical conditions out of which rose the literature of the New Testament; each book traced to its occasion, with the design, diction, style, and general characteristics of the writer. For Preachers, Sunday School Teachers, Juniors, and Seniors. Credit, three hours. Dr. Williams.

CHRISTIAN EDUCATION 101. General Outline of the books of the Bible and Methods of Bible Study. Two hours.

CHRISTIAN EDUCATION 102. Course in Evangelism. Text: "Winning to Christ," by Evans. Two hours.

CHRISTIAN EDUCATION 103. Introduction to Bible Doctrines. Connor or Mullins. Two hours.

CHRISTIAN EDUCATION 104. Bible Doctrines continued. Text: "Great Doctrines of the Bible," by Evans. Two hours.

CHRISTIAN EDUCATION 205. The Philosophy of Religion. Text: "Philosophy of the Plan of Salvation," by Walker, and "Philosophy of Christianity," by Keyser. Comparative Religion. Two hours.

RELIGIOUS EDUCATION 105. A study of Palestine. The purpose of this course is to furnish a background for Bible 205 and 208. Part One includes a study of the topography of Palestine, the homes, food, dress, education, language, the marriage and funeral customs of the people. The differences between the Galileans, the Samaritans and the Judeans are noted. In Part Two the most important cities are studied as they were when Jesus was there and as they are today, with the Biblical associations of each place. This is a reference course with no textbook, but each student pays $1.00 towards books to be purchased and placed in the library for the course. Credit, 2 hours. (Chr. Ed. 101a).

RELIGIOUS EDUCATION 106. Old Testament History. This course proposes to furnish a background for Bible 101, 102, 103, and 104. It covers the period from Creation to the Division of the Kingdom. Credit, 2 hours. Textbook: Price, "The Dramatic Story of Old Testament History." (Chr. Ed. 101b).

RELIGIOUS EDUCATION 107. Old Testament History. This course is a continuation of the above and covers the period from the Division of the Kingdom to the Coming of Christ. Credit, 2 hours. Textbook: Same as above. (Chr. Ed. 101c).

Education and Psychology

DR. WILLIAMS DR. ARMSTRONG PROF. COX
PROF. REED DR. DAVIS

The determining objective of this department is *technical training* for teachers, principals, and supervisors, but many of the courses, especially in psychology, are designed for academic and pre-professional election.

The differentiated divisions of the department, and the groups of courses are outlined for the convenience of students who desire to specialize in any of the various fields,—elementary, secondary, rural, etc.

The State Department of Education in Tennessee recognizes Union University on a par with the State Teachers' Colleges and the State University. The rules and regulations are uniform for each institution.

CERTIFICATE LIMITATIONS:

(1) The maximum certificate credit in psychology is 9 hours, not more than 3 hours being in general psychology.

(2) Not more than one-third of the total credit submitted for any certificate may be in education and psychology.

CERTIFICATE REQUIREMENTS:

(1) *One year elementary certificate:* The State Department of Education will issue this certificate to graduates of approved Tennessee high schools, who attend Union University not less than 12 weeks, and earn not less than 12 hours college credit, including 3 hours in education. Any approved course in the department will meet this 3 hour requirement, but it should be either 100, 102, 103, or 205.

(2) *First grade elementary certificate:* This is a four-year State Certificate, issued to students who have been regularly admitted to the college, attend three quarters (36 weeks), and earn not less than 45 hours credit, including 9 hours in *methods* and *management* (starred courses). The preferred courses for this requirement are 100, 102 or 103, and 205 or 109.

(3) *Permanent elementary certificate:* This certificate may be had upon the completion of two full years of college work, including 18 hours in education. Any approved course in the department may be elected, but the following are recommended: 100, 101, 102 or 103, 205, 212, and 220. These are the minimum. Courses 413 and 310 can be added, and rural teachers should elect 104, 109 and 211.

(4) *Four-year high school certificate:* This certificate qualifies the holder to teach in any high school below the first-class. It may be secured by students who have completed two full years of college work, including 18 hours in Education. Any approved courses in the department may be elected, but the following are recommended: 100, 101 or 309, 318, 402, 421, 319. For teachers in rural high schools, courses 104, 109, and 210, also Sociology 241 are also recommended.

(5) *First-class high school certificate:* This is a permanent credential for either high school or elementary school teachers and principals. It may be had by any graduate of the college, with the A.B., or B.S. degree, whose course includes not less than 27 hours credit in Education. Additional courses in the department to be elected, at the option of the student. The following differentiated groups are suggested for professional specialization:

ELEMENTARY TEACHERS AND PRINCIPALS OF ELEMENTARY SCHOOLS elect courses 100, 101, 102, 103, 105, 106, 208, or 209, and 413.

HIGH SCHOOL TEACHERS AND PRINCIPALS OF HIGH SCHOOLS elect courses 100, 101 or 309, 310, 209, 421, 415, and 318.

RURAL TEACHERS AND PRINCIPALS OF CONSOLIDATED RURAL SCHOOLS elect either of the above and substitute or add Courses 104 and 109, also Sociology 241.

I. Courses in Education:

(I). General Courses:

*100. *Introduction to Education* (3). A survey of the field, with a special study of methods and management. (Cubberley).

*205. *Classroom Organization and Control* (3). A technical course in management, with a special study of the pupil, the teacher, and the classroom (Sears).

208. *History of Education* (3). A survey of educational practice and progress considered as a phase of the development and spread of Western civilization (Cubberley).

209. *Public Education in the United States* (3). Current problems in organization, administration, and adjustment, studied in the light of their historic development (Cubberley).

411. *The Teaching Personnel* (3). This is a fundamental course for all administrators, and those teachers desiring to elect it. (Cooke).

415. *Tests and Measurements* (3). A study of standardized tests, and the technique of testing. (Tiegs).

(II). Elementary Education:

*102. *Methods of Teaching in Elementary Schools* (3). The technique of teaching in elementary schools (Mossman).

*102B. *Activities Curriculum in the Primary Grades* (3). A study of the enriched elementary curriculum through the use of problem-project activities. (Stevens).

*102C. *Methods of Teaching Reading* (3). Proper methods of teaching reading, considered in the light of the most recent experimental investigation. (Patterson).

*103. *Principles of Elementary Education* (3). The perspective of the elementary school; the pupil, and the curriculum. (Davis).

105. *Primary Plans* (3). The working out of plans and projects to use in the teaching of subjects used in Grades I-III. Observation trips are made to the primary schools in the city. No textbook. Laboratory fee, $1.00.

106. *Primary Art* (3). Schoolroom decoration, seat-work, simple wood-carving, sand-table projects. No textbook. Laboratory fee, $1.00.

*220. *Elementary School Administration* (3). A study of the principal and the principalship in elementary schools (Cubberley).

413. *School Hygiene* (3). The essentials of personal hygiene as applied to public schools (Terman and Almack).

(III). Secondary Education:

318. *Principles of Secondary Education* (3). The high school perspective; the high school pupil; objectives in secondary education; the high school curriculum, program of studies, and extra-curricular activities.

402. *High School Methods* (3). The selection and organization of materials; a study of individual differences, types of teaching, and measurement (Douglass).

421. *High School Administration* (3). A study of the more important problems in the organization and administration of secondary schools.

(IV). Rural Education:

*104. *Introduction to Rural Education* (3). The perspective and representative problems of rural schools (Cubberley).

*109. *Rural School Management* (3). A survey of management problems in district or consolidated schools.

210. *Progressive Trends in Rural Education* (3). A study of consolidation, the rural teacher, the curriculum, and community relations of rural schools.

(V) Vocational Guidance:

These courses have not been approved by the State Department of Education for certificate credit, but may be elected toward graduation and the A.B., or B.S. degree.

123. *General Orientation* (2). This is a comprehensive "finding" course, devoted to the problems of student adjustment. It is prescribed for all freshmen.

124. *Vocational Orientation* (2). An intensive study of aptitudes, job analysis, standards of efficiency, and the essentials of rational selection.

II. Courses in Psychology:

Since the maximum certificate credit in psychology is 9 hours, the following selections are recommended:

101. *Elementary Psychology* (3). A foundation course in the science of behaviour (Woodworth).

212. *Child Psychology* (3). An analysis of infant behaviour; the motor and emotional development of children; motivation, thinking, work, and play in child life; the synthesis and integration of personality (Morgan).

309. *General Psychology* (3). A comprehensive course, designed to provide the maximum of the science for students who desire only one course, or to prepare for more advanced study (Gates).

310. *Educational Psychology.* (3). An intensive study of motivation, emotion, adjustment, intelligence, instruments of measurement, learning, and growth (Trow).

317. *Social Psychology* (3). An intensive course in the psychology of interstimulation, group functions, and leadership, with a special study of social personality.

319. *Adolescent Psychology* (3). The meaning and significance of adolescence; physical, mental, moral, and religious development; adolescent impulses, interests, social tendencies, and personality; the hygiene of adolescence; the guidance and control of adolescent behaviour (Brooks).

403. *Modern Psychologies and Education* (3). A survey of contemporary psychology, with a special study of educational applications and tendencies (Ragsdale).

Note 1: Courses in methods of teaching various high school subjects are listed in the curricula of the respective departments. They may be elected to apply towards the 27 hours required for a life certificate.

Note 2: Education 317 (Social Psychology) will not count toward meeting certificate requirements.

RENEWALS OF TENNESSEE CERTIFICATES

Second-grade examination certificates which have been renewed so as to expire July, 1933, may be renewed for *two years* from their expiration upon attending Union University for a *term of six weeks* provided such course is taken in the life of the certificate and satisfactory work is done in at least three courses with a total credit of not less than 6 quarter hours. Three courses made in one full quarter on Saturdays will satisfy this requirement.

The one-year elementary certificates may be renewed for one year from their expiration upon *one quarter's* attendance with a minimum of 12 quarter hours' credit, three of which must be in Education.

Four year certificates may be renewed for four years by attending one full quarter and making not less than 12 hours credit, three of which must be in Education. This requirement may be met in two quarters of attendance upon Saturday classes.

English

PROF. HARDIN PROF. SKINNER

REMARK 1.—We do not offer at any one time all of the courses listed.

The instruction given in English has three objects in view: First, a command of correct and clear English, spoken and written; second,

the power of accurate and intelligent reading and the development of the habit of reading good literature with appreciation and enjoyment; third, a knowledge of certain authors whose works illustrate the development, not only of the English language, but also of the English literature. Correct spelling and grammatical accuracy will be rigorously exacted in connection with all written work during the entire course. *Students notably deficient in spelling, reading, and English Grammar will be required to make this up before entering the Senior year.*

Nine hours of Freshman English are required.

ENGLISH 100* (1). *Freshman Composition.* This course is conducted by means of lectures, quizzes, themes, and reports, in addition to the text books for daily assignments. Special emphasis will be given to the verb formations, sentence structure, rules of syntax, and the growth and development of the English language. Fall term. Three hours.

ENGLISH 101 (2). *Freshman Composition.* A continuation of English 100. Daily short themes, or longer weekly themes will be assigned. The various types of composition will be discussed and theme-practice in each of the different types given. Winter term. Three hours.

ENGLISH 102. *Freshman Composition.* Prerequisites: English 100 and 101. A course in which there will be a discussion of the elements of literary excellence; much writing, which is critically considered in the class room; and the critical analysis of typical specimens of established literature. Spring term. Three hours.

ENGLISH 103 (3). *American Prose Writers.* This course deals with the life and literary productions of the chief American prose writers. The different aspects of American life reflected through the prose are studied. Besides the texts used, there will be essays, lectures, quizzes, and reports. Spring term. Three hours.

ENGLISH 204 (4a). *American Poetry.* Poems and biographies of Bryant, Poe, Emerson, and Longfellow. A study of the mechanics and technique of poetry. Summer and Fall terms. Three hours.

ENGLISH 205 (4b). *American Poetry.* Poems and biographies of Whittier, Holmes, Lowell, Whitman, and Lanier. Distinction between New England and Southern groups of writers, to understand the political, social, and intellectual tendencies of the two sections is made. Summer and Winter terms. Three hours.

ENGLISH 206 (4c). *English Poetry.* A survey of British lyrics. A study of the life and literature of the English people from Chaucer to Kipling. The best in English lyrics and extensive reading in other poetic literature and in biography. Summer and Spring terms. Three hours.

ENGLISH 216 (16a). *The Teaching of High School Literature.* A study of high school classics and methods of presenting them. Each student is required to teach one or more classics; to work out a four-year course of study and show the points he would stress in each piece of literature. Three hours.

ENGLISH 217 (16b). *The Teaching of High School Composition.* Methods of Teaching composition, on grading themes, and on vocabulary building. Three hours.

ENGLISH 218 (16c). *English Grammar and How to Teach It.* The principles of grammar and methods most effective in teaching the subject. This course aims to inspire confidence from a positive knowledge of what correct usage is, and to employ the proper usage in a pleasing variety of sentences. The place and importance of grammar in the high school course of study will be emphasized. There will be lectures, reference work, reports, and copious exercises in sentence work. Three hours.

ENGLISH 305 (6). *The Romantic Poets.* The poems of Wordsworth, Coleridge, Byron, Scott, Shelley, and Keats. The course is supplemented by collateral readings, and by a study of the development, and of the main characteristics of the Romantic movement. Three hours.

ENGLISH 306 (5). *The Victorian Poets.* In this course the poems of the chief English poets of the Victorian period are read. Most of the time is given to the study of the poems of Tennyson, Browning, Arnold, and Clough. Three hours.

ENGLISH 307 (7). *Shakespeare.* The comedies, twelve plays, are studied. Three hours.

ENGLISH 308 (8). *Shakespeare.* The tragedies, ten plays, are studied. Three hours.

ENGLISH 309 (9). *Modern Poetry.* The poetry of the present-day writers of English and American verse. A study is made of the matter, themes, and present-day tendencies. Three hours.

ENGLISH 310 (10). *The Essay.* A study of the style and themes of the essay is made, showing how the essay reflects the life, culture, and spirit of the age which it portrays. There are reports and quizzes. A collection of essays is used as text. Three hours.

ENGLISH 315 (15). *The Short Story.* Development in art of short-story writing. The best classic and contemporary short stories are read and criticised. Practice in the writing of short stories is required. Three hours.

ENGLISH 317 (17a). *Debating.* Fundamentals of argumentation and debate. Practice in making briefs and in debating. Two or three hours. Three hours for those making the teams.

ENGLISH 318 (18). *Thesis English* — Required for graduation. Outlining and systematic organization. Fundamentals of thesis writing. This course is open to Juniors and Seniors. Fall and first Summer terms only. Three hours.

ENGLISH 411 (11a). *The Novel.* Development of the novel. Reports on novels. Three hours.

ENGLISH 412 (11b). *Present-Day Fiction.* A study of modern representative novels is made. A critique or review of one of these novels is read at each class meeting, followed by a round table discussion of the author and the relative value of his book. Three hours.

ENGLISH 413 (13). *The Modern Drama.* This course consists of the analysis and critical reading of such plays as are found in Dickinson's Chief Contemporary Dramatists. Three hours.

ENGLISH 414 (14a). *Newspaper Writing and Editing.* The emphasis here is placed on the essentials of newspaper writing. In addition to the text books used, representative newspapers are used for study. Three hours.

ENGLISH 415 (14b). *Special Feature Articles.* Articles for newspapers and magazines. Three hours.

Modern Languages

DR. SAVAGE
DR. HOFFMAN
DR. MATTHEWS
MISS ELSTON

FRENCH

DR. SAVAGE MISS ELSTON

French has rapidly grown in popularity since the World War and is one of the few foreign languages that high school and college students now want. It is the most beautiful language in the world. The one in charge had as his instructors only men and women, native French, who had been educated only in France, and whose language had not been affected by foreign influences. They never had had residence in American schools. The ambitious aim is to keep the French language pure.

FRENCH 101-102-103. Fall, Winter, and Spring Terms. Pronunciation of French is particularly emphasized. As rapidly as the class can bear it, instruction is given by using the French language. Nine hours. Text: The New Fraser and Squair's French Grammar.

FRENCH 204-205-206. Throughout the Fall, Winter, and Spring Terms. The class here will be better able to use French terms in giving rules of grammar and composition. After reading selected works

of such writers as Chateaubriand, Voltaire, Racine, etc., such other exercises will be used as calculated to foster a love of the language. Nine hours.

FRENCH 307-308-309. Winter and Spring Terms. Conversation still more exclusively in French. Nine hours.

FRENCH 410-411-412. French composition, together with a study of the language and a critical study of some of the best literature. Classroom exercises revolve around the fact that the verb is the life of the sentence.

GERMAN

DR. HOFFMAN

The courses in German will be especially planned for pre-medical students.

GERMAN 101. Fall term. This course emphasizes accuracy in pronunciation; building of vocabulary; sight translations of easy passages; and practical exercises in writing German. Three hours.

GERMAN 102. Winter Term. A continuation of Course 101. Three hours.

GERMAN 103. Spring Term. Prerequisite: Courses 101 and 102. Studies in grammar, composition, and the short story. Three hours.

GERMAN 204. Fall Quarter. Open to students with one year of college German or its equivalent. A study of German life, customs, and manners through the ability to read German. Three hours.

GERMAN 205. Winter Term. Prerequisite: German 204. This course is primarily for students who intend to do scientific research. Three hours.

GERMAN 206. Spring Term. A continuation of German 205. Three hours.

SPANISH

DR. HOFFMAN (Acting Professor)

Elementary Spanish

SPANISH 101. Fall Term. Three hours. Grammar, composition. Special emphasis on pronunciation. Spanish used in class.

SPANISH 102. Winter Term. Three hours. Continuation of Spanish 101.

Intermediate Spanish

SPANISH 103. Spring Term. Continuation of Grammar, Reading of simple reader. Composition and conversation based on text.

Second Year Spanish

(Prerequisite: One year in college or two in high school).

SPANISH 204. Fall Term. Three hours. Rapid review of grammar. Reading of short stories. Conversation. Composition.

SPANISH 205, 206. Winter and Spring Terms. Continuation of Spanish 204. Reading of books of travel and fiction.

Third Year Spanish

SPANISH 307, 308, 309. Advanced literature, composition, and conversation. Open to students with two years of college Spanish or its equivalent. Only those who are able and willing to do a serious grade of work are encouraged to take this course.

Classical Languages

DR. WILLIAMS MRS. RICE DR. MATTHEWS

Students who expect to enter the professions, by all means, ought to know Greek and Latin. No minister today can understand his New Testament as he ought without the knowledge of Greek. No student of medicine and law can afford not to know Greek and Latin. All students who specialize in any language, or wish to master English, greatly profit by knowing the classical languages.

GREEK

101. Beginners. Fall Term. Three hours.

102. Continues 101. Winter Term. Three hours.

103. Continues 102. Spring Term. Three hours. Text: Davis, Beginners' Greek Grammar.

204. Advanced Grammar studied. Text: Dana and Mantey. History of development of Greek language. Weekly exercises in Greek. Selections from Mark and Xenophon read.

205. Same Grammar continued. Greek exercises. Selections from Acts read and compared with Herodotus and Thucydides.

206. Grammar completed. Greek exercises. Two short epistles of Paul read. Survey of Greek literature and mythology.

307-9. If a sufficient number desire it, third year courses are given in Robertson's Big Grammar, with translations and research by individual students in Romans, Hebrews, Revelation. Studies in Greek art and philosophy.

LATIN

51-52-53. *Cicero's Orations* (9). Six orations will be read, composition and grammar continued, and a study made of the Roman world of Cicero's day. 2nd term. Fall, Winter, and Spring Quarters. (Matthews).

61-62-63. *Virgil's Aeneid* (9). Books I-VI will be read, a study made of Latin poetry, and grammar and composition continued. 1st term. Fall, Winter, and Spring Quarters. (Rice).

The following courses are open only to those students who have had four years of Latin:

101. *Cicero's Philosophical Works* (3). De Amicitia or De Senectute will be read, with special consideration of the thought and grammar. Certain reference work will also be required. 1st term, Fall Quarter. (Matthews).

104. *Ovid's Metamorphoses* (3). At least two books will be read, with interpretation and special reference work. 2nd term, Fall Quarter. (Rice).

206. *Tacitus' Agricola or Germania* (3). This course will deal with the content and characteristics of the biographical and historical works of Tacitus. Special reference work will be required on the times and customs. 1st term, Winter Quarter. (Matthews).

208. *Horace's Odes* (3). This course will involve a careful study and interpretation of certain select Odes. There will also be reference work on Horace and his times. 2nd term, Winter Quarter. (Rice).

311. *Roman Letters* (3). Select letters of Cicero and Pliny will be read as a study of the character and private life of the Romans. Reference work will be required. 1st term, Spring Quarter. (Matthews).

314. *Teachers' Latin* (3). This is a course on the teaching of Latin in high school. There will be a thorough review of the principles of syntax, and special emphasis will be placed on the methods of teaching Latin. 2nd term, Spring Quarter. (Rice).

If needed for entrance credit or to meet language requirements, the beginning courses 31-32-33 and 41-42-43 will be offered. These two classes will meet three times per week throughout the year.

Courses in Livy, Seneca, and Plautus or Terence will alternate with courses 101, 206, and 311. This will enable the student majoring in the department to get extra work.

School of Commerce

PROF. HICKS MISS ELLIS

Yielding to considerable demand a year or more ago, Union has offered certain courses selected from the standard courses in the Schools of Commerce and Business Administration in the best universities. The work is of standard college grade and is offered as electives for the degrees already offered.

COURSES OFFERED

Remark: Courses will be offered in other terms than those indicated, when demand arises.

201. *Introductory Accounting.* Fall quarter, first six weeks. This course requires no previous knowledge of Accounting. Those who

have had this course in high school or business college, or who have had as much as two years' experience in store accounting, may take up Accounting 202, but no credit will be given for such work unless done here or in a college of like standing. Study, making, and interpretation of balance sheets, profit and loss statements, and the making of trial balances for single proprietorships. Also journalizing and posting to the ledger. Four periods a week. Credit 2 hours. Course 201 will be repeated the last six weeks of session.

202. Course 201 continued. The use of sets. Fall quarter, last six weeks. Conditions, hours and credits same as in 201. Prerequisite: 201 for students who have not had any accounting.

203. *Elementary Accounting.* Single proprietorship finished and partnerships begun. Winter quarter, first six weeks. Working sheets, new accounts and their purposes, new journals and their purposes, complete adjusting and closing entries, adjusted trial balances, balance sheets, and profit and loss statements. Attention will be given to Articles of Co-partnership as well as partnership accounting. Bankruptcy and dissolution of partnerships. Five periods a week. Credit 2 hours.

204. *Partnership Sets.* Continuation of Course 203. Partnerships completed. Winter quarter, last six weeks. Conditions, periods, and credits same as 203. Prerequisite 203.

205. *Theory and Practice of Accounting.* Spring quarter, first six weeks. Corporation charters, corporation accounting. Study of corporation accounts, opening a set of corporation books, closing the books and making corporation statements. Five periods a week. Credit 2 hours. Prerequisite 204.

206. *Corporation Sets.* Spring quarter, last six weeks. Corporation books opened, handled and closed. Corporation closings and corporation bankruptcy. Prerequisite 205.

Commercial Law

101. Contracts, negotiable instruments, guaranty and suretyship, personal property, vendor and vendee. Fall quarter, first six weeks. Juniors and Seniors. Lectures, quizzes, test cases. Parallel reading. Five periods, 3 hours.

102. Course 101 continued. Bailments, common carriers, agency, master and servant, hotel, etc. keepers, agency, partnerships, corporations, insurance, real property, wills, mortgages, landlord and tenant, fixtures, torts, business crimes, suits and courts. Juniors and Seniors. Spring quarter, last six weeks. Five periods, 3 hours.

Business Organization and Administration

103. Elements of business success, organization, proprietorship, financing, marketing, management, the wage question, service department, selecting a site, planning the building, purchasing, advertising, foreign trade. Parallel reading. Juniors and Seniors. Five periods, 3 hours.

104. Advanced course. Organization, administration of marketing problems, administration of production, administration of personnel, administration of financial problems, administration of standards and records, budgeting, types of organization. Parallel reading. Juniors and Seniors. Winter quarter, first six weeks. Five periods, 3 hours.

105. *Factors of Economic Geography.* Historical factors, social factors, physical factors, communications, transportation, localization of industries, growth of large cities, use of power resources, government and commerce, business organizations, cereals, beverages, sugars, plant products, forest products. Juniors and Seniors. Winter quarter, last six weeks. Five periods, 3 hours.

106. Continuation of 105. Vegetable fibers, animal fibers, cattle, other animal products, non-metallic minerals, metallic minerals, regions of commerce—North America, regions of commerce—South America, regions of commerce—other countries. Research work in both 105 and 106. Juniors and Seniors. Spring quarter, first six weeks.

Home Economics

Miss Claire Gilbert

Miss Helen Hunt

The Department of Home Economics offers a four years' course leading to the Bachelor of Science degree in Home Economics and the Bachelor of Science degree with major in Home Economics. The former degree is planned for those students who expect to teach Home Economics and the latter is a general course planned to train in the fundamentals of home making. Students who desire to certificate in Home Economics are required to have not less than thirty-six hours in Home Economics; twelve of which should be in foods and nutrition, twelve in textiles and clothing, and twelve in home management, house furnishings, and home nursing. Graduates with the Bachelor of Science degree in Home Economics may be admitted as candidates for the Master's degree without deficiencies. Most of the courses in the Home Economics curriculum may be elected by students in the Liberal Arts course.

The lecture rooms and well equipped laboratories for the Home Economics classes are located in Crook and Adams Halls. The Mary Sue Tigrett Home Managament House, Dutch Colonial in design, erected in 1930, has been provided for students taking the laboratory course in home management. Students occupy this house with a resident advisor, for one quarter and approximate a family as nearly as possible. They assume the duties of the house as they are done in a home. The work is so directed as to bring before the students in a practical way as many problems as possible in household management. Students pay

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We do not offer at any one time all the courses listed.

a house fee which gives them added experience in home financing. Training in child development is obtained by caring for a young baby who makes its home in the Mary Sue Tigrett House. A nursery school, consisting of pre-school children from two to five years of age, is maintained for observation and participation in child development and nursery school education.

HOME ECONOMICS CURRICULUM, B. S. DEGREE

Freshman Year

First Qr. Credits		Second Qr. Credits		Third Qr. Credits	
English 100	3	English 101	3	English 102	3
Chemistry 101	5	Chemistry	5	Chemistry 103	5
Home Ec. 115	3	Home Ec. 116	3	Home Ec. 117	3
History or Modern Language	3	History or Modern Language	3	History or Modern Language	3
Bible 101	2	Bible 102	2	Bible 103	2

Sophomore Year

First Qr. Credits		Second Qr. Credits		Third Qr. Credits	
Chemistry 307	5	Chemistry 308	5	Chemistry 309	5
Home Ec. 215	3	Home Ec. 217	3	Home Ec. 216	3
History or Modern Language	3	History or Modern Language	3	History or Modern Language	3
Biology 206	3	Biology 101 or 104	3	Biology 210	3
Bible	2	Bible 206	2	Bible 207	2

Junior Year

First Qr. Credits		Second Qr. Credits		Third Qr. Credits	
		Home Ec. 424	3	Home Ec. 425	3
Education 100	3	Education 102 or 205	3	Education	3
Home Ec. 315	3	Home Ec. 316	3	Home Ec. 317	4
Home Ec. 319	3	Home Ec. 320	3	Home Ec. 321	3
Physics 104	3	Home Ec. 318	3	Home Ec. 323	3
English 318	3	Sociology	3	Elective	2

Senior Year

First Qr. Credits		Second Qr. Credits		Third Qr. Credits	
Education 212	3	Education	3	Education	3
Home Ec. 420	3	Home Ec. 421	3	Home Ec. 422	3
Home Ec. 405	3	Home Ec. 406	3	Home Ec. 418	3
Home Ec. 415	3	Home Ec. 416	6	Home Ec. 417	3
Sociology	3	Electives	2	Electives	5
Electives	2				

NOTE: Students taking the B.S. degree in Home Economics may substitute in the Junior and Senior years 12 hours in advanced Home Economics courses for the Home Economics Education courses 323, 420, 421, 422.

Students desiring to be certificated in general science must have a total of nine hours in Botany and Zoology together.

The following courses in Home Economics are suggested as the minimum for those who wish to take the Bachelor of Science degree with a major in Home Economics. It is advisable to take as many elective hours in advanced Home Economics courses as possible:

	Credit
Freshman year—Home Economics 115, 116, 117	9
Sophomore year—Home Economics 215, 216, 217	9
Junior year—Home Economics 318, 320, 315	9
Senior year—Home Economics 416, 417, 418	9
Total	36

NOTE: For general requirements for B.S. degree see page 60.

FOODS AND NUTRITION

215. *Food Preparation and Cookery.* The fundamental factors of cookery, including the source, classification, and economic value. Text, Halliday and Noble, Hows and Whys of Cooking and Bell Recipe File. 3 hours credit. Fee $6.00.

216. *Meal Planning and Table Service.* Meal planning, preparation and serving of breakfasts, luncheons, dinners and menus for special occasions. 3 hours credit. Fee $6.00.

217. *Dietetics.* The adequate diet for normal adults and children. Prerequisite, Home Economics 215. Text, Rose, Foundations of Nutrition; and Lowe, Dietetics File. 3 hours credit. Fee $5.00.

219. *Institutional Cookery and Management.* Practice and observation in large quantity buying and cooking; study of institutional kitchen; administration problems. 3 hours credit. Fee $4.00.

220. *Institutional Organization and Administration.* The fundamentals of organization and administration are studied as applied to public and private institutions, such as high school lunch rooms, college dormitories, cafeterias and commercial tea rooms. Observation and practice. 3 hours credit. Fee $4.00.

315. *Nutrition.* Chemical and physical processes of digestion; the fate of foodstuffs in metabolism. Prerequisites, Chemistry, Biology. Text, Sherman, Chemistry of Foods and Nutrition. 3 hours credit. Fee $3.00.

316. *Dietaries.* The fuel value of foods, metabolism; energy protein, mineral and vitamin requirements of the human. Planning of dietaries. Prerequisite, Home Economics 315. Text, Sherman, Chemistry of Food and Nutrition. 3 hours credit. Fee $5.00.

317. *Advanced Nutrition.* (a) Abnormal dietaries. Study of diseases influenced by diet as diabetes, nephritis, peptic ulcer, tuberculosis, anemia. Planning of dietaries.

(b) Children's Feeding. Planning of dietaries for children of all ages. Participation in food preparation for and feeding of children in the nursery school. Prerequisite, Home Economics 316. 4 hours credit. Fee $4.00.

409. Special Problem in Food for nursery school children.

HOME ECONOMICS EDUCATION

323. *Home Economics Education.* History and development of education of women and home economics education; legislation as it has affected home economics teaching. 3 hours credit.

420. *Problem Method of Teaching Home Economics.* Teaching techniques and skills. Text, Lancelot, Handbook of Teaching Skills. 3 hours credit. Fee $1.00.

421. *Special Problems in Home Economics Education.* Problems in presenting, conducting and managing classes in home economics. Prerequisite, Home Economics 420. 3 hours credit. Fee $1.00.

HOUSEHOLD MANAGEMENT

224. *Home Management House.* Residence course designed for Liberal Arts students who desire to elect a general course in the practice of homemaking. 6 hours credit.

415. *Home Management.* Economics of the household from the standpoint of money, time, and energy. 3 hours credit. Fee $1.00.

416. *Home Management House.* Students, majoring in home economics live for one quarter, during their senior year, in the home management house where they gain actual experience in group relationships and the managerial activities of homemaking. A baby lives in the home which gives further opportunity for the study of child development. Prerequisite, Home Economics 415. 6 hours credit.

417. *Home Nursing.* Home care of the sick, with special emphasis on the care of small children. 3 hours credit. Fee $2.00.

418a. *Child Development.* The growth and development of the pre-school child; principles and technique for child guidance; observation and participation in the nursery school. Prerequisite, Education 212. 3 hours credit. Fee $2.00.

419. *Household Equipment.* Modern labor saving equipment; factors determining cost and effectiveness; selection and care. 3 hours credit. Fee $1.00.

423. *Social Problems of the Family.* The family as a social and educational institution; family relationships. 3 hours credit. Prerequisite, Sociology 100, 101, or 112.

TEXTILES AND CLOTHING

116. *Textiles.* Analysis of fabrics and weaves to show the relationship between quality and fibre, weave, finish, adulteration and costs of fabrics for clothing and household furnishings. Text, Hess' Textile Fibres and Their Use. 3 hours credit. Fee $3.00.

117. *Elementary Clothing.* Fundamental construction process of simple garments; use and alteration of commercial patterns. Related problems and class projects in the selection of material and design; a study of relation between cost of garments made and similar ready made ones; clothing budgets. 3 hours credit. Fee $2.00.

222. *Applied Design for Children's Clothing.* Application of principles of design and construction to clothing for children; adapting the clothing to the needs of children. Prerequisite, Home Economics 117. 3 hours credit. Fee $2.00.

321. *Advanced Clothing.* Application of principles of costume design to individual garments; development of techniques in the construction of silk and wool garments. Individual dress forms are used throughout the course. Prerequisite, 117, 318. 3 hours credit. Fee $3.00.

405. *Advanced Textiles.* Intensive study in historic and modern textile design; textile fibres and fabrics; household textiles. Prerequisite, Home Economics 116. 3 hours credit. $2.00.

406. *Advanced Dress Design.* Modeling and draping on individual dress forms; the study of draping qualities of dress materials. Each student designs and constructs two garments; one draped and one tailored. Prerequisite, Home Economics 321. 3 hours credit. Fee $3.00.

407. *Special Problems in Clothing Design and Construction.* Open to seniors having shown especial ability in clothing work. 2 to 4 hours credit. Fee $2.00.

424. *Textile Economics.* The economic consumption of textile fabrics; textile legislation and standardization. 3 hours credit. Fee $2.00.

425. *Textile Economics.* Special problems and projects in textile buying. 3 hours credit. Fee $2.00.

RELATED ART

115. *Art and Design.* Fundamental principles of design and their application; color theory and its application. Text, Goldstein, Art in Everyday Life. 3 hours credit. Fee $2.00.

119. *Applied Art.* Problems in design applied to various articles of the home; handicraft. 2 hours credit. Fee $1.00.

120. *Art Appreciation.* A survey of sculpture, architecture, and painting from prehistoric to modern times. 2 hours credit. Fee $1.00.

318. *Costume Design.* Line, mass, and color applied to costumes for individual types, suitability of costume to occasion; influence of garment construction on clothing design. 3 hours credit. Fee $2.00.

319. *House Architecture.* Historic and modern architectural styles; problems involved in building a present-day house including cost, location, and details of house construction. 3 hours credit. Fee $2.00.

320. *Interior Decoration.* Selection, care, cost, and arrangement of household furnishings. Text, Jackson, Interior Decoration. 3 hours credit. Fee $2.00.

History, Economics and Political Science

PROF. RUTLEDGE MRS. RUTLEDGE

History, Economics, and Political Science are inseparably connected. History is largely the record of economic and political changes, and conditions of man. The chief problems before man today, as in all the past, are economic and social. These make up the leading political questions. Therefore, every citizen to vote, talk, or act intelligently must know something of the great underlying principles of these subjects. This is the purpose of all the courses in this department.

HISTORY

HISTORY 101. Fall Term. The first of a series of three courses forming a survey of the history of civilization, designed to meet the needs of first-year students. This course carries the development of civilization from 395 A.D. to 1096 A.D. Three hours.

HISTORY 102. Winter Term. The second in a series of courses for Freshmen, and is a survey of civilization from 1096 to 1500. Three hours.

HISTORY 103. Spring Term. The third of a series, and carries the development of civilization from 1500 to 1815. Three hours.

HISTORY 201. Modern European History from 1500 to 1789. Three hours.

HISTORY 202. Modern European History 1789 to 1871. Three hours.

HISTORY 203. Modern European History 1871 to 1914. Three hours.

HISTORY 210-a. The American Colonies 1492 to 1763. European background is stressed. Three hours.

HISTORY 210-b. The American Colonies 1763 to 1790. Immediate causes of the separation of the Colonies from the Mother Country, the struggle to maintain this separation, government under the Articles of Confederation, the origin and development of a desire for stronger government. The final outcome and the framing of our present Constitution are intensively studied. Three hours.

HISTORY 307. Early History of U. S. 1790 to 1828. Three hours.

HISTORY 308. Middle Period of U. S. History, 1828 to 1865. Three hours.

HISTORY 309. U. S. History, 1865 to 1914. Three hours.

HISTORY 311-a. *History of the American Frontier.* Purpose: To give students an understanding and appreciation of the frontier to the development of American institutions. Creation of public domain; national land system; The Old Northwest; Jeffersonian Democracy; problems of territorial expansion; Indian troubles; The Great Migration; new sectionalism caused by the Missouri question; frontier finance; the American System; the Jacksonian Democracy. Prerequisite: Courses 307, 308, and 309. Three hours.

HISTORY 311-b. Continuation of 311-a. The Texas question; the prostrate West; the Santa Fe and Oregon Trails and the settlement of the far West; pre-emption; land grant railroads; settlement of the Rocky Mountain states; the cow country; disappearance of the frontier. Three hours.

HISTORY 412-a. *The French Revolution and Napoleon.* The people of the old regime in France; finances and progress of revolutionary spirit with general revolutionary movement in Europe; the attempts to organize a republic; the Reign of Terror. Open to Seniors only. Three hours.

HISTORY 412-b. A continuation of 412-a. Return to the Constitution; the rise of Napoleon Bonaparte, the consulate; the empire of the French; the fall of the empire; the Congress of Vienna. For Seniors. Three hours.

HISTORY 413. *The World War.* The interrelation between European and world history; Russia and the Balkans; international disputes in Africa; the formation of the triple entente; the assassination of Sarajevo; the question of war guilt; trench warfare; part the U. S. took; allied victory; peace; reparations; League of Nations. Three hours.

Note: Other courses in History will be offered to suit the needs of pupils desiring History as a major.

ECONOMICS

ECONOMICS 301. In this course the following subjects are treated: The beginning of Economic institutions and the nature of Economic Science; the rise, development and decay of English guilds; national control with its deadening effects and the industrial revolution with some of its effects; productive capacity, the functioning of the productive capacity and the distribution of its field, the starting point in Economics investigation, market and price value, demand and supply. Two hours.

ECONOMICS 302. This course stresses money and its purchasing power; money standards; credit and banking legislation in the United States; organization of production; the law of proportionability; renting and contract; population and the supply of labor; labor and machinery. Two hours.

ECONOMICS 303. In this course the following subjects are emphasized: The principle of wages; capital; interest; forms of industrial ownership; the corporations; large scale production and monopoly; monopoly control of trusts. Two hours.

POLITICAL SCIENCE

POLITICAL SCIENCE 201. The following subjects are emphasized in this course: The rise of our national system; political concentration; the method of electing our president, his power and duties; the House of Representatives; the Senate; taxation and finance; regulation of commerce; trade regulations; powers of legislature over inter-state commerce. Two hours.

POLITICAL SCIENCE 202. Much stress is laid on the following subjects in this course: Federal and state powers over commerce and prohibition; postal powers; bankruptcy; war power, government control over the territories; the national conservative policy; the Federal judiciary; the state; the constitution; the executive legislature and courts; the state and business protection and regulation; the state labor; the state and education; the state health charities and highways; the state and finances. Two hours.

POLITICAL SCIENCE 203. In this course emphasis is placed on the following: The constitutional protection and safeguarding of business and professional rights; the police power; the party; public opinion; the civil service; direct legislation; local government; some unsolved problems. Two hours.

LOGIC

DR. SAVAGE

LOGIC 1 AND 2. Although logic is one of the oldest of the sciences and in the hands of Aristotle nearly reached perfection, yet in the last half century much has been added which will help one in applying the tests of its rules.

Sellers will be used as a text in the discussion of the nature of thought, and the many subdivisions of the science, on which master minds have been working for more than 2,000 years. The teacher will be under the necessity of supplementing the text; and where such necessity exists, he will spare no pains in supplying such teaching as he may deem important.

NOTE.—Logic is offered in the fall and winter terms. Then again in the summer term of twelve weeks.

Mathematics and Astronomy

DR. CARR DR. CARTER

MATHEMATICS Z1 AND Z2. *Solid Geometry.* Two hours throughout Fall and Winter Terms. Credit four hours when both terms are completed, not to be counted toward satisfying required work in Mathematics. Text: Wentworth-Smith's Solid Geometry.

MATHEMATICS 101. *First Course in College Algebra.* Fall Term. Fundamental concepts, principles, and methods, linear and quadratic, inequalities, progressions, and logarithms. Required of Freshmen. Credit, 5 hours.

MATHEMATICS 102. *Plane Trigonometry.* Winter Term. The trigonometric functions, the solution of triangles, the proof of trigonometric identities, and the solution of trigonometric equations. Required of Freshmen who do not present trigonometry for entrance. Credit, 5 hours.

MATHEMATICS 103. Second course in College Algebra. Spring Term. Mathematical induction, complex numbers, theory of equations, permutations and combinations, probability and determinants. Credit, 5 hours.

MATHEMATICS 101-2-3. General or Pandemic mathematics receives 3 hours credit per term.

MATHEMATICS 101a-102b-103c. Engineering mathematics will receive 5 hours credit per term.

MATHEMATICS 204. *Analytic Geometry.* Fall Term. Rectangular and polar co-ordinates in a plane. Rectangular and polar co-ordinates space, equations and their loci, emphasis upon topics needed in preparation for the study of the calculus, elementary curve fitting. Credit, 5 hours.

MATHEMATICS 205, 206. *Calculus.* Winter and Spring Terms. Differentiation and integration, application to geometry and physics. Credit, 4 hours each.

MATHEMATICS 207. *Spherical Trigonometry.* Spring Term. Prerequisites: Solid Geometry and Plane Trigonometry. Credit, 2 hours.

MATHEMATICS 210. *Surveying.* This course is largely practical field work, and will embrace all the problems belonging to land surveying and the foundation principles of road construction and railroad lines, such as levelling, profiling, curves, cross sections and mapping. The student will develop a practical familiarity with the transit, plane tables, and other surveying and engineering instruments. Credit, 4 hours.

MATHEMATICS 308. *Solid Analytic Geometry.* Coordinate of three dimensional space. Prerequisite, Mathematics 4. Credit, 4 hours.

MATHEMATICS 309. *Theory of Equation.* Complex numbers, the solution of equations, determinants, symmetric functions, and fundamental theorems of analysis. Credit, 4 hours.

MATHEMATICS 311. *Analytical Mechanics.* This course is open only to those students who have completed Physics 1 and Mathematics 9. Credit, 6 hours.

MATHEMATICS 312. A short course in differential equations will be offered alternating by years with Mathematics 11. Credit, 4 hours.

TEACHERS COURSES

MATHEMATICS 213. Fall Term. Introductory course in the teaching of mathematics. The teacher of mathematics, the teaching of mathematics in general, the teaching of Algebra. Credit, 2 hours.

MATHEMATICS 214. Winter Term. The teaching of plane and solid geometry. Credit, 2 hours.

MATHEMATICS 215. Spring Term. The teaching of mathematical subjects other than algebra and geometry, correlation of the various branches of mathematics, the relation of mathematics to other sciences. Credit, 2 hours.

MATHEMATICS 216. *College Geometry.* Constructions, properties of the triangle and of the circle, with an introduction to modern geometry. Planned for teachers of geometry, but recommended to all who wish to extend their knowledge of geometry beyond the elementary stage. Credit, 4 hours.

ASTRONOMY

ASTRONOMY 301. Fall Term. Lectures and recitations three hours per week. This is a general course in descriptive astronomy, with just enough attention given to the mathematical side to acquaint the student with the methods of computation and give him confidence in conclusions reached. Observation work with the telescope and transit is stressed.

Prerequisite: Freshman Mathematics.

Text: *Fate's Elements of Astronomy.*

The next course must be taken to receive this credit.

ASTRONOMY 302. Winter Term. This is a continuation of Astronomy 301. Much library reference work is required, and students are taught the use of the tables of the American Ephemeris and Nautical Almanacs. Credit, 3 hours.

Pre-Professional Courses

(See Page 44)

PRE-MEDICAL COURSE

PROF. PRINCE, *Dean*

For the benefit of those students who wish to prepare for entrance into the standard A-1 grade Medical Colleges, a two-year Pre-Medical course is offered. The course outlined on page 44 meets the requirements of standard medical schools with a few exceptions, and those finishing it will be admitted without examination.

The course in Chemistry consists of three hours of recitation and six hours of laboratory work, in Inorganic Chemistry. The course in Biology consists of three hours recitation and three hours laboratory

work. No student can enter the course in Physics 101 who has not taken Mathematics 101. French or German must be continued through the second year. Elective courses in the following subjects are recommended by the Medical Council: Psychology, Economics, History, Latin and Greek.

REMARK 1—All students who complete the Pre-Medical Course and do one additional year of prescribed work in residence in Union University before entering a medical school may receive the A.B. degree upon completing one year in an approved Medical School. The work must be certified to Union University by the first of April preceding the commencement, and students must have been approved as a candidate by the faculty, upon application, by October 15, preceding. A satisfactory thesis upon an approved subject must be presented.

REMARK 2—Vanderbilt University requires three years of college work for entrance into the School of Medicine, and also requires two years of German. The Tennessee University School of Medicine suggests that those of our students planning to enter that University put more time upon Biology and Chemistry, even at the expense of French and German.

PRE-DENTAL COURSE

The course outlined on page 44 conforms to the requirements of the Dental College of the University of Tennessee and, so far as we know, most standard dental colleges.

Electives may be chosen from Mathematics, History, and Modern Language in the order given, 9 hours.

The University of Tennessee provides that if a student has included in his high school course one year of Physics he may substitute additional electives for this requirement.

Science

The courses in Science are offered for the purpose of general culture as well as to lay proper foundation for those desiring to specialize in scientific work, in medicine, agriculture, or engineering. The keeping of note-book records is insisted upon.

The laboratory fee in each case covers all necessary material, but the student is required to pay for the breakage of all apparatus charged to him.

Lecture Room

This room is on the first floor of Barton Hall, and seats about fifty persons. The seats rise rapidly to the rear, thus enabling any one in the room to view any demonstration on the lecture desk in front, which is amply supplied with appliances and connections for water, gas and electricity. The windows are provided with blinds, thus enabling the room to be darkened for light experiments and for the use of a projection lantern, or moving pictures.

Laboratories

The Chemical Laboratories for inorganic and qualitative chemistry are in a well-lighted and commodious basement room. The laboratories for qualitative, organic and advanced work are immediately above on the first floor. These are equipped with water, electricity, direct draught hoods, etc. The laboratory desks have been designed according to the most modern ideas, being provided with acid-proof alberene stone tops, sinks and troughs, reagent shelves in the middle over troughs and individual lockers, water and gas supply.

The Physical Laboratory is well equipped. For advanced work in physics a basement room with solid concrete floor is used, thus avoiding all vibrations from the rest of the building. Special tables are provided and the apparatus is ample for giving numerous and standard experiments. A dark room located between the Chemical and Physical Laboratories is convenient for work in light, spectroscopy, and photography.

The biological laboratories offer ample facilities for study. The bacteriology laboratory is equipped with incubator, oven, centrifuge, autoclave, microscopes, individual microscope lamps, etc. The Zoology and Botany laboratory has microscopes, specimens, jars, charts, trays, aquaria, terraria, and cages.

A new laboratory has been installed for more advanced students. This is furnished with microtomes, staining equipment, and dissecting apparatus. Here permanent slides, models and other demonstration materials are made by students and instructors.

An automatic still furnishes an ample supply of distilled water for all laboratory work.

Biology

DR. DAVIS PROF. DAVIS

BIOLOGY 100. *General Biology.* An elementary course for those who have not had Biology in High School. Covers main biological principles in a general way. Living animals and plants as a whole are studied in the laboratory and the field. Credit, 3 hours.

BIOLOGY 101. *General Zoology.* An introduction to the study of animal life with emphasis placed on the invertebrates. Credit, 3 hours. Prerequisite: Elementary courses in physics and chemistry.

BIOLOGY 102. A continuation of Biology 101. Credit, 3 hours. Prerequisite: Course 101.

BIOLOGY 103. *Vertebrate Zoology.* A survey of the fundamentals of vertebrate morphology. Dissection of fish, amphibian, reptile, bird and mammal. Credit, 3 hours. Prerequisite: Courses 101 and 102. Credit, 3 hours.

BIOLOGY 104. *Principles of Botany.* This course is devoted to the study of the development and the nature of plants with emphasis on structure and function of plant cells, roots, stems, leaves and flowers. Credit, 3 hours.

BIOLOGY 105 (formerly 104a). *Principles of Botany.* A continuation of Biology 104. Special emphasis on the classification and naming the higher plants. Credit, 3 hours. Prerequisite: Biology 104.

BIOLOGY 106 (formerly 105). A course in plant types including a thorough study of the following groups: algae, fungi, bryophytes, and spermatophytes from the point of view of plant relationship; also embracing the study of their life, process of nutrition and reproduction. Credit, 3 hours. Courses 104 and 105 are not prerequisites.

BIOLOGY 120. *Field Zoology.* An introduction to local animal life. The different phyla are observed, collected and preserved in their natural habitats. Field trips predominate. Two lectures a week, laboratory arranged. Credit, 3 hours. Prerequisite: 3 hours General Biology or Zoology.

BIOLOGY 206. *Bacteriology.* An introduction to the principles of bacteriology. The work begins with the study of both the pathogenic and non-pathogenic organisms. Laboratory technique is emphasized. One-half of the time is devoted to laboratory work. Credit, 3 hours. Prerequisite: One year of Chemistry.

BIOLOGY 206b. *Advanced Bacteriology.* A continuation of Biology 206 with emphasis on pathogenic bacteria, their isolation reaction to media, stains, etc. Credit, 3 hours. One-half time devoted to laboratory work. Prerequisites: Biology 206 and Chemistry.

BIOLOGY 206c. *Advanced Clinical Bacteriology (Microscopy).* A study of standard methods of clinical technicians. This course includes the following: Bacterial and microscopic examination of milk and water, routine bloods, widal tests, urine analysis, blood cultures, malaria, routine spinal fluid, tests for tuberculosis, diphtheria, anthrax, and gonorrhea. The dark field method of examination for syphilis, Kahns' test for syphilis, preparation of vaccines, test for blood transfusion and advanced quantitative test of blood and urine. Credit, 3 hours. Prerequisites: Biology 206, 206b and Chemistry 101-103 and 307-309. Note: Laboratory Manual for courses 206 and 206b prepared by Dr. C. W. Davis; for course 206c, by Mr. Martin M. Davis.

BIOLOGY 207. *Heredity and Genetics.* A study of the fundamentals of heredity of plants and animals. Some time will be spent in the botanical garden of the head of the department where many examples of variations and mutations are observed. Considerable time is given to the laboratory cultures of Drosophila. Credit, 3 hours. Prerequisite: One year of Biology.

BIOLOGY 210. *Human Physiology.* This course in general Physiology is designed to meet the needs of all college students. Everyone should take this as an elective. It includes lectures and demonstrations dealing with the fundamental principles of body structures and vital phenomena. It is a laboratory science course. Credit, 3 hours.

BIOLOGY 211. *Human Physiology.* Course 210 continued. Credit, 3 hours.

BIOLOGY 222 (formerly 422). *General Entomology.* A beginning course in the study of insects. Life history, importance and control of those affecting man and his crops are stressed. Laboratories and field trips will enable students to recognize important species. Credit, 3 hours. Prerequisite: 3 hours General Biology or Zoology.

BIOLOGY 138. *Landscape Gardening.* A combined course of systematic botany and principles of landscape gardening. The student becomes acquainted with ornamental trees, shrubs and evergreens, and the proper use of these in landscape work. Given in Spring and Summer of 1934. A sixteen-acre nursery is available for study and observation in addition to the campus which is now elaborately planted. Credit, 3 hours. Prerequisite: One term of Botany.

BIOLOGY 301. *The Teaching of Biology.* A treatment of methods for prospective teachers. Includes selection, organization, laboratory instruction, teaching aids and supervision, and preparation of material. May be counted as either biology or education. Credit, 3 hours. Prerequisite: 9 hours Biology.

BIOLOGY 312. *Embryology.* This course is planned especially to meet the needs of pre-medical students. It consists of lectures and laboratory work with emphasis on the chick. Students are required to make a certain number of sections of chick embryos. Credit, 3 hours. Prerequisites: Biology 101, 102, and 103.

BIOLOGY 313. *Plant Physiology.* The fundamental activities of plants, such as photosynthesis, absorption, transpiration, mineral nutrients, respiration, enzymes, digestion, growth, etc. Credit, 3 hours. Prerequisites: Biology 104, 105, 106, and General Chemistry.

BIOLOGY 314. *Anatomy of Cat.* Complete dissection of this animal. Credit, 3 hours. Prerequisites: Biology 101, 102, and 103.

BIOLOGY 315. *Histological Technique.* A course for those who plan to teach and for pre-medical students who require training in the preparation, sectioning and staining of animal tissue for microscopical study. Two lectures a week, laboratory arranged. Credit, 3 or 4 hours. Prerequisite: 6 hours Zoology.

BIOLOGY 415. *Histology.* A systematic study of the cell, elementary tissues and structure of organs. Emphasis on the characteristic

cells for the various organs of the body. One-third of the time will be given to histological technique. Credit, 3 hours. Prerequisites: Biology 101, 102, and 103.

BIOLOGY 416. *Parasitology.* The forms affecting man and domestic animals will be studied. Students will make actual examinations of amoebas, flagellates, trichina, hookworm, tapeworms, etc. Credit, 3 hours. Prerequisites: Biology 101 and 102.

BIOLOGY 417. *Field Botany.* Classification of plants, especially the local flora. Preparation of herbarium. Credit, 3 hours. Prerequisites: Biology 104 and 105.

BIOLOGY 420. *Comparative Anatomy. Vertebrates.* Systematic study of classes, orders and some families of Vertebrata. Comparative organology and physiology. Mammalian osteology. Attention to nervous, urinogenital and vascular systems. Prerequisites: One year of Zoology. Credit, 3 hours.

BIOLOGY 421. *Special Problems in Zoology.* For students who expect to teach or to follow some phase of Zoology as a profession. Includes preparations of skeletons, dissections, collections, taxidermy, preservation and embalming of animals. Two lectures, laboratory arranged. Credit, 3 or 4 hours. Prerequisite: 6 hours Zoology.

Chemistry

DR. PRINCE DR. CARTER

General Inorganic Chemistry

CHEMISTRY 101. *Pandemic or General Chemistry.* Fall quarter. Lectures and recitations. Three days a week. Laboratory, two double periods a week at times to be arranged. This course includes the nomenclature, the broader quantitive relations of the chemical elements and a particular study of the non-metallic elements. Credit, 5 hours.

CHEMISTRY 102. Winter Quarter. Lectures, recitations and laboratory as in Chemistry 101, which is a prerequisite. Special emphasis will be laid upon the laws of dissociation and ionization. The study of the non-metallic elements will be completed. Credit, 5 hours.

CHEMISTRY 103. Spring Quarter. Lecture, recitation and laboratory as in Chemistry 101 and 102, of which this is a continuation, and form with them a complete course in General Chemistry. The metallic elements will be particularly treated from the standpoint of elementary qualitative analysis. Credit, 5 hours.

CHEMISTRY 104. *Pre-engineering or Technical.* Fall Quarter. Open only to students who have completed a thorough laboratory course in High School. Lectures, recitations and laboratory as in Chemistry 101, but more rapid progress will be attempted. Credit, 5 hours.

CHEMISTRY 105. Winter Quarter. Continuation of Chemistry 104. Credit, 5 hours.

CHEMISTRY 106. Spring Term. A continuation of Chemistry 105. A study and treatment of the metallic elements from the standpoint of elementary qualitative analysis. Credit, 5 hours.

CHEMISTRY 107. *Elementary Applied Chemistry.* An alternative course open mainly to young ladies and students not specializing in Science, Home Economics, or Pre-Medical work.

ANALYTICAL AND ELEMENTARY PHYSICAL CHEMISTRY

CHEMISTRY 204. *Chemical Principles and Analytical Methods.* A course designed especially for pre-medical students but also helpful to all students majoring in chemistry. The fundamental methods and theories of quantitative Analytical Chemistry and Physical Chemistry are studied. The course is largely experimental with laboratory practice given in gravimetric analysis, and proving the laws of elementary physical chemistry. Considerable emphasis is placed upon chemical calculation. Prerequisite: Freshman Chemistry and Mathematics. Two lectures and six to ten hours laboratory periods per week. Text: Chaplin's second year College Chemistry. Credit, 5 hours.

CHEMISTRY 205. A continuation of Chemistry 204 throughout Winter Quarter. The analytical work will be volumetric analysis and experiments dealing with molar concentration, osmotic pressure, colloids, catalysis, theory of indicators and hydrogenion concentration. Prerequisites and credit are same as in Chem. 204.

CHEMISTRY 206. A continuation of Chem. 204 and 205 throughout the Spring Quarter. Volumetric Analysis will be completed and the Physico chemical principles relating to equilibrium and electro-chemistry will be given. Considerable laboratory work will be given in latter. Prerequisites and credits the same as Chem. 204 and 205. Chem. 204-5-6 comprise a complete second year in college chemistry.

Organic Chemistry

CHEMISTRY 307. Fall Quarter. Lectures, three hours per week. Laboratory, four hours. For Sophomores or Juniors. Prerequisite: General Inorganic Chemistry, Qualitative Analysis, and preferably, Quantitative Analysis. This course consists of a study of the Aliphatic Series of the Carbon compounds and their synthesis in the laboratory. Should be taken by all students intending to study medicine or agriculture. Credit, 5 hours.

CHEMISTRY 308. Winter Quarter. Continuation of Chemistry 307. Study of Aromatic Hydrocarbons and derivatives. Credit, 5 hours.

CHEMISTRY 309. *Physiological Chemistry.* Spring Quarter. A course following Chemistry 307 and 308 which are prerequisites. This course is designed to meet the needs primarily of pre-medical and Home Economics students. Credit, 5 hours, according to the amount of laboratory work done.

Household Chemistry

CHEMISTRY 210. Any Term. This is a course designed especially to meet the needs of students in Domestic Science, and for those special students who are unable to take the General Course in Chemistry. Prerequisite: One unit of entrance Science. Credit, 3 hours.

CHEMISTRY 211. *Household Organic Chemistry.* This course is a continuation of Chemistry 210 and together with it and Chemistry 101, 102 and 103 will meet the Smith-Hughes requirements in Chemistry for Home Economics students. The elementary principles of organic chemistry as related to household and community will be studied. Prerequisites and credits as in Chem. 210.

Agricultural Chemistry

CHEMISTRY 412. *Quantitative Analysis.* This course is arranged to meet the needs of students in Agriculture. The work begins with the analysis of soils, fertilizers and agricultural products, and is extended to analysis of other substances. Prerequisite: Organic Chemistry and Qualitative Analysis. Any Quarter. Credit, 5 hours.

Advanced Quantitative Analysis

CHEMISTRY 413-14-15. Any Quarter. Lectures, conferences and laboratory work at hours to be arranged. Prerequisite: Chemistry 5 and 6. Open only to Seniors. This course will include special methods of Quantitative Analysis, Proximate Food Analysis, Fire Assay, Water and Gas Analysis, or Electrolytic Methods may be taken, according to the needs of the class. This course will be largely laboratory work with collateral reading. Credit, 5 hours.

Physical Chemistry

CHEMISTRY 416. An advanced course in Physical Chemistry open only to Seniors who have had college Physics, Calculus, and three years of chemistry. Designed especially for those intending to do graduate work in chemistry or for teachers of chemistry. Credit, 3 hours.

CHEMISTRY 217. *History of Chemistry.* Any term. Lectures only; three times a week. Credit, 3 hours.

CHEMISTRY 318. *Pedagogy of Chemistry.* Course designed for teachers of chemistry. Problems of presentation, organization, equipping and managing laboratory courses, lecture demonstration, etc., will be discussed. Credit, 3 hours.

CHEMISTRY 319. *Advanced Qualitative.* Any Quarter. 5 hours.

Geology

DR. DAVIS

GEOLOGY 301. *Structural Geology.* Fall Term, two lectures a week. Open only to Juniors and Seniors. Prerequisite: One year of Biology and one year of Chemistry. Laboratory Fee, $1.00.

GEOLOGY 302. *Dynamical Geology.* Winter Term, two lectures a week: Will consist of a study of the external and internal geological agencies and of the resulting changes in the earth's surface. Prerequisite: Same as Geology 301, of which this is a continuation. Laboratory Fee, $1.00.

GEOLOGY 303. *Historical Geology.* Spring Term, two lectures a week. This course will consider the different geological periods and fossil remains of plants and animals. Prerequisite: Geology 301 and 302, of which this is a continuation and with them constitute a complete course in Geology. Laboratory Fee, $1.00.

GEOLOGY 304. *Mineralogy.* Special attention will be given to the chemical and physical properties of a large group of important minerals. The composition and identity are determined by means of blowpipe, flame, hardness, and other tests. Prerequisites: General Chemistry and Geology 301. Three hours. Laboratory Fee, $1.00.

Physics

DR. CARTER

GENERAL PHYSICS. This course may be taken by those who have had no Physics, or only a brief High School course. Three lectures and four laboratory hours per week. The lectures will be fully illustrative.

Prerequisite: Trigonometry.

This course will continue throughout the year and will be subdivided as follows:

PHYSICS 101. Fall Quarter. Mechanics, Properties of Matter. Credit, 4 hours.

PHYSICS 102. Winter Quarter. Heat, Magnetism and Electricity. Credit, 4 hours.

PHYSICS 103. Spring Quarter. Sound and Light. Credit, 4 hours.

PHYSICS (For Girls). This course is planned especially for girls. All the fundamental laws of General Physics will be studied with particular stress on application to problems arising in the home. Four hours of lectures and recitations and two double laboratory periods per week for six weeks.

PHYSICS 104. *Mechanics and Heat.* Credit, 3 hours.

PHYSICS 105. *Electricity.* Credit, 3 hours.

PHYSICS 106. *Sound and Light.* Credit, 3 hours.

PHYSICS 204. *Mechanics.* This course includes a study of forces, machines, liquids, and gases. Particular attention given to applications of physics in field of engineering and science. Credit, 5 hours. Prerequisite: Physics 101 and one year of college mathematics.

PHYSICS 205. *Electricity and Magnetism.* This course is a preparation for electrical engineering and is required of all pre-engineering

students. The fundamental principles underlying the generation, distribution, and use of electricity are discussed. Credit, 5 hours. Prerequisite: One year of Physics and a knowledge of calculus.

PHYSICS 206. *Heat and Light.* An advanced course in heat and light. This includes a study of thermometry, pyrometry, colorimetry, temperature regulation, vapor pressure and densities, thermo-dynamics, refractometry, photometry, polarmetry, and saccharimetry. Credit, 5 hours.

PHYSICS 301. *The Electron Theory and Atomic Structure.* A survey, lecture, and demonstration course, including study of discharge through gases, radioactivity, principles of photography, heat, and light. Atomic structure and other topics of importance in modern physics and chemistry. Credit, 5 hours.

Sociology

DR. MATTHEWS PROF. COX DR. WILLIAMS

The work in sociology has been planned with a two-fold purpose. First, in harmony with the entire curriculum, introductory courses are offered which contribute to a general education. Secondly, certain specialization courses are given for those who wish to study more in detail problems and principles treated briefly in the introductory courses. 100, 112, and 132 are planned as a freshman sequence, and they are required before any one may take any other more advanced course. In addition to these three courses, all major students are required to take 222, 241, 411, and 422.

100. *Outlines of Sociology* (3). This is the beginning course and is required as a prerequisite for all other courses. 1st term, Fall Quarter. (Cox).

112. *Social Problems* (3). This is a practical approach to the study of sociology for which 100 is a prerequisite. 1st term, Winter Quarter. (Matthews).

132. *Principles of Sociology* (3). This is a survey of the entire field in an effort to master the determining principles and laws that obtain in social relations. It follows 112 in the sequence. 1st term, Spring Quarter. (Matthews).

209. *Races and Nations* (3). This is a more detailed study of the problems of race and national relations with an attempt at a psychological analysis. 1st term, Fall Quarter. (Matthews).

213. *Social Ethics* (3). This is a practical course devoted to the study of principles and methods of moral training and general socialization. 2nd term, Fall Quarter. (Williams).

222. *Introduction to Social Psychology* (3). This is a foundation course in the essentials of social psychology, designed to prepare for intensive analysis and application of psychology to social phenomena and problems. It is a required course for all major students. 2nd term, Winter Quarter. (Williams).

236. *Principles of Educational Sociology* (3). This is a very thorough course in the essentials of educational sociology, designed to ground the student in a sound philosophy of education. 2nd term, Spring Quarter. (Williams).

241. *Principles of Rural Sociology* (3). This is an intensive course in the dominating elements of the rural life problem, designed to meet the needs of rural teachers, pastors, county agents, and other rural community workers. It is required of all major students. 2nd term, Spring Quarter. (Cox).

The following courses are open only to juniors and seniors:

308. *Criminology and Penology* (3). This is a detailed course in the pathology of conduct, with a special study of prevention. 1st term, Fall Quarter. (Williams).

313. *Poverty and Dependency* (3). This is a technical course in pathology of condition. 1st term, Winter Quarter. (Williams).

331. *Sociology of the Bible* (3). This is a broad comprehensive course in the social phases of Biblical history, institutions, and teachings. 1st term, Spring Quarter. (Williams).

411. *Urban Sociology* (3). This is a more detailed course in urban life, with a special study of structure, functions, and problems of modern cities. It is required of all major students. 2nd term, Fall Quarter. (Matthews).

422. *The Negro in American Life* (3). This is an intensive study of the most serious American problem in the field of race relations. It is required of major students. 2nd term, Winter Quarter. (Matthews).

423. *Problems of the Family* (3). This course will deal with all the vital problems of family life, such as marriage, children, divorce, health, finance, etc. 2nd term, Spring Quarter. (Matthews).

Music

MRS. A. W. PRINCE
Piano and Theory
Director
MRS. TALIAFERRO
Voice
PROF. GUYON
Violin, Band, Orchestra, Wind Instruments
MISS SHORT
Glee Club and Public School Music

INTRODUCTORY STATEMENT

One great advantage of musical work in a college conservatory is the atmosphere of study and the literary opportunities that offer themselves.

It is advisable that music students carry some branches of the college course; and it is equally advisable that college students, if they have any musical talent, pursue some branch of musical work. Music is the art that appeals to the larger number of people. All boarding stu-

dents must carry as much as fourteen hours work including their fine arts courses, unless upon advice of physician.

Curriculum

Pianoforte, Harmony, Theory, Musical History, Voice, and Violin.

Pianoforte

The pianoforte occupies a place of dignity and value, and should have treatment commensurate with its place as a factor in musical education. The foundation of pianoforte technique is flexibility of the fingers, hands and arm. The acquirement of strength in the members. Then, building on this foundation, we form a correct musical touch.

The touch of the pianoforte, as well as other musical work, will be along really musical lines, the selection of exercise, study and piece being made with reference to their musical value, as well as to the special necessities of the pupil and the maintaining of a lively interest in her work. While the old classics will live on, much pedagogical music has gone out of date, and should be replaced by that which more truly represents the modern spirit and progress.

The curriculum is chosen from the standard composers, not omitting modern European and American writers. It is unnecessary to state the list in detail.

Harmony

Harmony, dealing with chord formation and procession, is a vital part of musical knowledge, and is necessary for the understanding of what one plays or hears. It bears the relation to music that grammar does to language, and hence is an essential part of a musician's equipment.

We aim to teach harmony in an interesting, as well as thorough, manner. The time required to complete the Harmony course is two years.

Outline of Piano Study

By the end of the first year, pupils should be playing music of the grade of Clementi's Sonatinas; second year, Czerny Kuhlau's and the easier Mozart Sonatas, and the easier Mendelssohn's Songs Without Words; third year, Cramer-Buloy studies, Clementi's Gradus, Bach's two-part and three-part Inventions, Beethoven's easier Sonatas, Chopin's easier works, Kullak's Octave Studies.

For the completion of full course, another year is required, including the Moscheles, Kessler, Henslet and Chopin Studies, as well as some of the Bach Fugues, Chopin's larger works, such as Op. 40, 29 and 31, and Beethoven's Sonatas, such as Op. 10, 13, 26 and 27.

The compositions here named represent only in a general way the stages of advancement. Such works are, of course, accompanied by the necessary technical studies and selections in free forms. To complete the full piano course with its adjunct theoretical studies takes pupils of fair talent not less than four years. Credit will be given for all pre-

vious study that has been done in a satisfactory manner. Especial attention is given to having the pupils acquire practical repertoire of pieces for home and concert use.

Musical History and Theory

The two branches are combined in one study.

Theory Outline: Acoustics, notation, musical terms and forms of composition; musical instruments; the orchestra.

History Outline: The rise and development of modern music; early church music; the opera; oratorio; instrumental music; the great composers; their works and characteristics; classic and romantic music and understanding of all technical terms, with correct pronunciation of foreign terms and proper names. The time required to complete this course is two years.

KEYBOARD HARMONY AND MEMORIZING

1—*Keyboard Harmony*

Keyboard Harmony consists in study at the keyboard of the primary chords and their connections, as they are used in musical compositions.

This study leads to improvisations, and is the foundation of memorizing.

In the regular Harmony Course the work consists almost wholly of writing the chords and various harmonic progressions, pupils rarely obtain more than a theoretical knowledge of the subject.

The practical work in keyboard harmony is plainly necessary for all students of piano. It may precede or follow the regular Harmony Course.

2—*Memorizing*

The prevalent custom of the pianist to play without the music, giving entire programs in this manner, makes it necessary that the ability to memorize be required. The mechanical process of memorizing by note—that is, playing the notes and repeating them—is decidely unreliable, the pupil wasting time and energy, while the result is nearly always one of uncertainty. The understanding of several distinct agencies is necessary for satisfactory memorizing. They are:

1. Familiarity with elementary material of music—scales and chorus, measures and rythm.
2. The principles of harmonic progression.
3. Analysis of musical design.
4. Conventional outlines of form which tend to reveal the order of tonality of different divisions and subdivisions in certain styles of music.

The time required to complete the course in the two studies, taking one half-hour private lesson a week, will be about one year.

Students on campus are not permitted to take studies with outside persons without special permission from faculty.

COURSE LEADING TO GRADUATE DIPLOMA IN MUSIC

First Year

	Credit
Advanced Piano or Voice or Violin (two hours daily practice)	12 hours
Harmony	3 hours
English (Freshman)	12 hours
Foreign Language (Modern)	9 hours
Music Minor	6 hours
Literary Electives	6 hours
	48 hours

Second Year

Advanced Harmony	3 hours
History of Music	3 hours
Advanced Piano, Voice or Violin (two hours daily practice)	12 hours
Foreign Language	9 hours
*Physics of Sound (Physics III)	4 hours
Music Minor	5 hours
Literary Electives	9 hours
Theory and Ear Training	3 hours
	48 hours

NOTE.—The Teachers' Certificate will be given to those who complete the first two years including one year of Theory and Harmony and one year of Musical History.

Third Year

Advanced Piano, Voice or Violin (three hours daily practice)	15 hours
Minor in Music	6 hours
Educational Psychology and Methods	9 hours
English (Sophomore)	6 hours
History (Musical)	3 hours
Recitals	3 hours
Literary Electives	6 hours
	48 hours

Fourth Year

Advanced Piano, Voice or Violin (five hours daily practice)	15 hours
Minor Subjects	6 hours
Practice Teaching	3 hours
Recitals	3 hours
Education	9 hours
Literary Electives	12 hours
	48 hours

* If not taken in High School.

Voice Culture

Mrs. Taliaferro

VOICE CULTURE AND CHORUS

Singing is probably the most difficult of all specialties of music, since it is apparently the easiest thing of all things musically to do; for, when there is a resonate larynx and a good ear, one can, by a certain happy instinct, accomplish something that touches the heart of the untutored; it is usually taken for granted that nothing is easier than to sing. The precise reverse is the actual fact. Few studies require a keener mind, more patience, and more artistic environment than the human voice.

Cultivation of the voice in singing is now regarded as an important branch of education. Like many natural powers, the voice is given to us in crude state and we are obliged to develop it through means that art has revealed to us.

Students enter grades at the judgment of the director and the course largely depends upon the individual needs of each. It has for its object a high degree of perfection in church, oratorio and concert singing, familiarity with the vocal schools and works of great masters, and those principles of vocal culture so necessary for successful teaching. A general outline of the course is given, but adapted to the needs of individuals.

Students will be graded on same basis as in literary work.

Preparatory Course

All candidates for entrance to the Freshman year of the regular diploma vocal course will be required to meet some conditions in voice and literary work as candidates in Pianoforte Department.

Preparatory vocal work consists of elementary voice training, principles of breathing, voice placing and development of tone and elementary vocalizes, according to individual requirements.

Sight Singing, Ear Training and Music Appreciation.

Course of Study

Grade 1

English, French or one other foreign language; Sight Singing; Ear Training; two voice lessons a week; one practice period daily.

Continuation of Voice Training, Vocal Technique, Art of Vocalization, Vocalizes Studies and Songs selected in reference to particular points in vocal development and enunciation.

Appearance on private matinee programs.

Elective. Extra hours required.

Grade 2

English, French or some other foreign language; Sight Singing, Harmony, Chorus. Two Voice lessons per week, two-thirds grade Piano lessons per week, one practice period daily.

Voice Training, Advanced Vocalization; Songs, Classic and Modern English, and Oratorio. Singing in public recitals.

Elective. Extra hours required.

Grade 3

Philosophy, Advanced Sight Singing, Vocal Ensemble Music, Harmony, History of Music, Chorus.

Two lessons per week, one practice period daily.

Voice Production.—Art of Vocalization and Musical Embellishments, Italian, French and English songs. Advanced study of Oratorio and Church Music, Folk Songs. Chorus work. Frequent appearance in public recitals.

Elective. Extra hours required.

Grade 4

Philosophy, two Voice lessons per week, one practice period. Special attention given to appreciation of music and the building of a repertoire.

Requirements for Graduation

Candidates for Diploma will be required to have two years of Harmony, two years of History of Music, two years of Solfeggio, and in addition one year of Advanced Sight Reading of ensemble music. The first three grades of the Pianoforte Course, or their equivalent, covering Freshman and Sophomore years. One year of French, Spanish, or German with Italian diction, together with the required number of literary studies indicated in each year of the respective courses, will be required.

Frequent and successful public appearance, together with a creditable final Graduation Recital, are included.

BAND AND ORCHESTRA DEPARTMENT

Standardized courses on violin, viola, 'cello, Contra-bass; wood-winds,

Standardized courses on violin, viola, 'cello, contra-bass; wood-winds, brasses, and percussions.

Student orchestra and band, as extra-curricula subjects required of all advanced students.

Same requirements for graduate diploma as piano and voice.

PUBLIC SCHOOL MUSIC COURSE AND GLEE CLUB

Miss Short

Public School Music Course:

The aim of the course is to make clear the purpose and possibilities of public school music teaching, and to apply the principles of the student's musical training to the task. (1) Methods of conducting in general, and in schools; (2) Sight singing, how learned and how taught; (3) Choice of material; rote songs, part songs, folk songs, glees, choruses, anthems; (4) The child voice and the change in the boy's voice; (5) Practical teaching in the grades under the direction of the regular supervisor. The course is open to those suitably prepared. Two hours each term.

Glee Club:

The Glee Club is open to all students of the College. It is composed of the best voices, classified and placed in the part for which each voice is best adapted by nature. The importance of the ensemble and part-singing to the general musicianship of a music student cannot be overestimated. The class meets for one-half hour three times a week. All students are eligible to take this work. There will be an organized Glee Club for boys and one for girls. No fee.

School of Speech and Dramatic Art

Miss Mary Glenn Phillips

The Aim of the Department

The aim of this department of the institution is to free the individual from the limitations of timidity and self-consciousness, to train the body in the cultivation of health, poise, and grace. Those who desire to do public platform work either as readers on the Chautauqua platform, or as lecturers, are trained here; also the individual wishing to prepare for the teaching of expression and dramatics. This course aids the teacher of literature who wishes to develop greater expressional power. Men and women in business or professional life often find themselves handicapped by inability to meet successfully the ever-increasing demand for effective public speaking and, therefore, find this course helpful. Purely cultural ends are sought by many who take up this subject. The ability to carry on a pleasing and interesting conversation is indeed an art to be coveted and one which can be developed.

In order to receive a Diploma in Expression, the student is required to complete the four years' course prescribed in the Expression Department, in addition to a regular four years' course of the College Curriculum. If sufficient advancement is evident, together with natural talent, a recommendation to teach may be granted upon completion of

certain phases of the course, but not less than two years. One year of college English, and one of French are required and two years of Education, in addition to the completion of a regular High School course of study. A demand exists in high schools, and in grammar schools for teachers of Expression who can direct Drama Production and teach some other branches. We aim in this department to meet this demand.

Applicants for Diploma and certificate are required to appear in weekly and monthly recitals and in formal Public Recitals. Students are expected to attend all public productions offered by the School of Expression. Students must present a public recital before being recommended to teach or receive diploma.

Students on Campus are not permitted to take studies with outside persons without special permission from faculty.

Additional features of the Union University School of Speech:

1. Corrective Speech. Practical exercises and drills for stammering, stuttering, and other impediments; voice and diction are studied to insure cultivated utterance through proper functioning of the speech mechanism.

2. Advanced work in the Department of Expression is counted for credit on the A.B. degree.

Interpretation

Beginning classes in interpretation deal with posture, projection, contrast, climax, gesture, naturalness, carriage, platform deportment and variety. Different types of literature are used in oral interpretation. As the student advances in this subject, great poetry, prose and drama, classic and modern, is studied. A study of representative contemporary poets; Frost, Lindsay, Sanburg, Sarett, Millay, Lowell, Teasdale, Masters, Markham and Robinson may be used. The practice of oral interpretation in such classes deepens the imagination, and strengthens the intellectual and emotional values in poetry. Lecture recitals are worked up from the lives and works of such poets mentioned.

Public Address, Extemporaneous and Impromptu Speeches

In our twentieth century it has become necessary for everyone to appear in public at times. Therefore, it is very necessary that all should be equipped. In the public speaking classes the laboratory method is used. We strive to learn to speak freely, forcefully and directly. The personality is unfolded, and the best and most powerful qualities of the voice are brought into use. The powers of persuasion are awakened. Various moods and types of audiences are studied and the response of each is analyzed. To secure and to hold attention is a problem to be conquered by the young speaker. Subject matter and its relation to the audience proves to be another problem. This course is particularly good for those who contemplate extensive platform work, as ministers, salesmen, professional speakers, lawyers, teachers, etc. Extem-

poraneous and impromptu speaking are included; also the speech of eulogy, introduction, speech to entertain, presentation and acceptance speeches, sales talks, descriptions, narrations, etc.

Story-Telling

If a sufficient number are interested in this course, "The Art of Story-Telling" will be given. It is the desire of the instructor to give an opportunity to the members of this class to do practice work at the story-telling-hour for the children of the vicinity. Nursery rhymes, myths, legends, Bible and Nature stories will be told, and the popular songs loved by all children will be sung.

Voice and Diction

Special care is given to individuals. Much progress can be acquired through persistent and thoughtful study. Effectiveness and artificiality are discouraged. We endeavor to secure a form of speech that shall be not merely intelligible but pleasing to the greatest number of educated speakers of English; and that implies not only an unobjectionable pronunciation but good voice production. Tone-color, a result of imagination and a depth of feeling, is a great moving force which all interpreters strive for. It is to the speaker as the brush and paint is to the artist. Conversation is much improved where there is color and the dull monotony cannot exist wherever well modulated and colorful voices are present.

A study of voice placement, tone production and proper breathing, together with the great depth of feeling necessary to good interpretation, will make it possible for one to read or to speak pleasingly and dynamically. Mighty words, lacking force and depth, fail to obtain desired results.

Gesture, Pantomime and Dramatics

Every student graduating from the School of Speech is required to take the studies in gesture and pantomime as prerequisites to the course in dramatics. A free, responsive and expressive body means a free, responsive and expressive voice. Gesture and pantomime not only add to the force of the meaning of words, but they express thoughts for which there are no words. Laboratory work in the preparation of short scenes which demonstrate various principles of acting, will be a part of this course. Also a number of interesting plays will be produced each year in which students are required to take part.

The study of Speech and Dramatics in various forms leads to openings in the following professions: Teaching, School Executives, Movies, Radio Work, Chautauqua, Private Studio, Community Service, Social Directors, Lectures, Ministerial and Religious Work, Municipal Recreation Leaders.

REMARKS

Interest in dramatic activity is encouraged throughout the college life by the Dramatic Department. A high standard of attainment is insisted upon and the head of the Dramatic Department serves as Dramatic Counsellor to all the Union students in their dramatic aspirations.

As a member of the National Association Teachers of Speech, Miss Phillips endeavors to co-operate with the other colleges of America in establishing high standards of drama.

During 1927 the Dramatic Department of Union presented Shakespearean Drama and the year previous, Biblical Pageant Drama. Co-ordination with the Dramatic Department is insisted upon among all students in connection with dramatic activities in Union outside of the Dramatic Department. Class plays and dramatic activities outside of the Dramatic Department are under the control of Student Committees, and student production is insisted upon in keeping with custom of other colleges where there is a Dramatic Department. Student Committees are expected to confer with the head of the Dramatic Department as to choice of play and production four months in advance if the play is to be produced in the English language.

Student readers will be furnished for all Literary Society public programs by request of the head of the Expression Department.

The aim is to maintain the same high standard in expression and dramatic art as as maintained by Union in all the departments, and is required by the affiliated colleges of America.

Summer School

Union University was a pioneer in the middle section of the Mississippi Valley in offering regular college courses in summer terms. The Summer School has grown steadily in breadth of curriculum, attendance, character, and standing of the work. It is now a regular fourth quarter of the college. Many students continue in school through the four quarters in order to graduate in three calendar years.

Usually a greater variety of courses is offered in the summer than in the regular year and many extra teachers are employed to take care of the large attendance and extra number of courses.

The summer quarter is divided into two six-weeks terms, each term being complete in itself.

RATES

The rates for the summer, each term, are as follows: Room rent $6; Tuition $20; Library Fee $1; Board $27.00. Board may be reduced by eating at the Tea Room, or for girls, by light housekeeping in the self-boarding department.

DIVISION OF QUARTERS TO ACCOMMODATE TEACHERS

The spring, summer, fall, and winter quarters are divided into six-week terms in order to accommodate teachers who must do twelve weeks of college work each year to secure or to renew certificates. A six weeks term begins about the middle of April for the accommodation of those teachers whose schools close at that time. These may

continue on through the first six weeks of the summer term which closes in time for the rural schools that begin in July. Then when their schools close for cotton picking in the middle of September they may enter our fall term and continue six weeks, thus getting in a full half year of college work. Or students may attend one of the six weeks summer terms and the six weeks fall term, securing a quarter to apply on a certificate.

The division of the winter quarter makes it possible for those graduating from high school in the middle of the year to begin work in college immediately.

Special summer school bulletins are issued regularly which give detailed information in regard to the courses offered, rates, and special information, also concerning the spring and fall six weeks terms.

SATURDAY CLASSES

Through the fall, winter, and spring quarters we offer special residence courses on Saturdays. These courses are the equivalent in every respect of similar courses offered at the same time to students in residence. The State Department of Education permits teachers while teaching to take a maximum of six hours of such work per quarter and allows this to count as six weeks of residence work toward a certificate, new or renewal.

THE CORRESPONDENCE DEPARTMENT

This is a well organized department of the college. It is headed by a director, who has entire supervision of the work. It is his duty to see that outlines and instructions for the courses are properly prepared and mimeographed, to enroll students in the department and to see that they meet the regular requirements for college entrance. From his office all work is received and distributed. The courses are made and graded by the regular department heads and cover the same ground as the corresponding courses given in residence. In many cases the student is required to secure one book in addition to the regular text. This takes the place to some extent of the lectures that he would hear in residence. As far as possible all library facilities are made available to the correspondence students, many of them coming to the library on Saturdays and at other times for the regular reference work.

The students are furnished with mimeographed outlines and assignments giving full directions for the work. These assignments are sent into the office as they are completed by the student. It is the policy of the department not to return the student's manuscript but to send the teacher's comment on the work instead. In some cases if it is thought advantageous for the teacher to mark the papers they are returned to the student for reworking. These are then sent into the office with the new work, leaving no paper in the student's hands.

THE NATURE AND CHARACTER OF THE WORK

The courses are made out by the teachers who teach these subjects in the daily classes. The same texts, and as far as possible, the same references are used in these courses as are used in the regular residence work. The assignments are practically the same as used in the daily recitations and often the teachers use the same mimeographed assignments in their classes that they send out for the correspondence students. Every effort is made to make the correspondence work equivalent to the residence work and as nearly as possible identical.

COURSES OF STUDY

Not all courses lend themselves to successful correspondence work. but many of them do and we offer a large variety of courses in Bible, Education, English, Geology, Greek, Latin, Mathematics, Sociology, History, Economics, and some scattering subjects in other departments of study. A special bulletin is issued listing most of the courses offered. This bulletin also gives the regulations, method of enrollment, cost and other information.

SCHOLASTIC STANDING

Our correspondence work is of a high order and has good rating. Thirty-six hours may be presented in partial fulfillment of the requirements for a Bachelor's degree in Union. The Tennessee State Department of Certification will accept an approximately equal amount in partial fulfillment of the requirements for a professional certificate based upon a Bachelor's degree. No correspondence work may be presented in fulfillment of the minimum residence requirements for any Tennessee certificate of lower rank.

Catalogue of Students

GRADUATES OF THE CLASS OF 1933

May Graduates, 1933

A. B. Degree

Bell, Ella, Booneville, Miss.
**Bell, J. S., Life, Tenn.
Buford, Durward, Friendship, Tenn.
*Burks, Ethel Copp, London, Can.

Caver, Anne Bryce, Booneville, Miss.
Caver, T. L., Booneville, Miss.

Dorris, Ammons, Bolivar, Tenn.

***Elston, Sarah, Mercer, Tenn.

*Fleming, Anna, Vardaman, Miss.

*Hargrove, H. W., Farmington, Ky.
Hearn, Mabelle, Dyer, Tenn.

*Ivey, Katherine, Jackson, Tenn.

*Johnson, Jennie Lou, Jackson, Tenn.

Moore, John C., Marion, Ala.

*Newman, Eloine, Jackson, Tenn.

**Oglesby, Doris, Millington, Tenn.

Pearson, Mildred, Jackson, Tenn.

Redd, Mabel, Lewisburg, Tenn.
Rice, Martha, Jackson, Tenn.
Rodgers, J. Hawkins, Jackson, Tenn.

Smith, Mary Louise, Fulton, Ky.

Thompson, Robert, Ripley, Tenn.
Turner, Louise Cox, Bolivar, Tenn.

*Weldon, Louise, Gleason, Tenn.

B. S. DEGREE

Bennett, J. M., Booneville, Miss.
Blalock, Mrs. Dru Crook, Littleton, Colo.
Bourne, W. A., Corinth, Miss.

*Fleming, Virginia, Clarendon, Ark.

*Haynes, Mary Evelyn, Jackson, Tenn.

**Jacokes, J. Warner, Jr., Asheville, N. C.

Medling, James Richmond, Jackson Tenn.

Patrick, Sarah, Halls, Tenn.

Roberts, Wilton, Spring Creek, Tenn.

Vaughan, Paul D., Bolivar, Tenn.

Webb, Mrs. A. C., Jackson, Tenn.
Williamson, Irene, Maury City, Tenn.
Winchester, B. R., Murray, Ky.

B. M. Degree

*Warmath, Helen, Humboldt, Tenn.

August Graduates, 1933

A. B. Degree

*Allen, Mrs. Maud, Jackson, Tenn.

*Brown, Chas. S., Memphis, Tenn.
*Brown, Fannie R., Jackson, Tenn.

Hall, Joe D., Huntland, Tenn.
Hart, Mrs. Willie Mai, Jackson, Tenn.
***Hefley, Chrystal, Jackson, Tenn.
*Helm, Mrs. Leonard S., Jackson, Tenn.

Jones, Evelyn, Jackson, Tenn.

**Turnage, Frances King, Tullahoma, Tenn.

B. S. Degree

**Buck, Nancy, Jackson, Tenn.

Colvett, H. C., Alamo, Tenn.

Ivy, Gladys, Hickory, Ky.

Marshall, Alice, Blytheville, Ark.

Pierce, Malcolm R., Hornsby, Tenn.
Poole, Leroy H., Rutherford, Tenn.
Poynter, Imogene, Sharon, Tenn.

*Stripling, Vernon, Newbern, Tenn.

Verser, Joe, Harrisburg, Ark.

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*Cum Laude
**Magna Cum Laude
***Summa Cum Laude

SENIORS

(Including those who received their degree at close of Summer School, August, 1933.

Avery, Carroll, Halls, Tenn.
Avery, Rebecca, Halls, Tenn.

Ball, Flossie M., Lexington, Tenn.
Ball, Lily M., Lexington, Tenn.
Boswell, Joe, Wildersville, Tenn.
Bradberry, J. P., Rutherford, Tenn.
Brewer, Elizabeth, Bolivar, Tenn.
Brown, C. S., Memphis, Tenn.
Brown, Fannie R., Jackson, Tenn.
Buck, Nancy, Jackson, Tenn.

Carney, Freda, Cairo, Ill.
Carson, David, Jackson, Tenn.
Chamberlain, Grace, Jackson, Tenn.
Childs, Verona, Blue Mountain, Miss.
Colvett, Horace, Alamo, Tenn.
Craig, Mac, Tiptonville, Tenn.
Cunningham, Camelia, Jackson, Tenn.

Davis, Dorothy G., Jackson, Tenn.
Duffey, Sara B., Humboldt, Tenn.

Eason, Harriet, Scotts Hill, Tenn.
Edmonds, J. H., Bradford, Tenn.
Elliott, James, Jackson, Tenn.
Erwin, Jane, Humboldt, Tenn.

Fitzgerald, Robbie L., Jackson, Tenn.

Gifford, Hazel, Jackson, Tenn.
Gilliand, Harold, Mercer, Tenn.
Graves, Mrs. Porter, Medina, Tenn.

Haley, John, Friendship, Tenn.
Hall, Joe D., Huntland, Tenn.
Hart, Mrs. Willie Mae, Jackson, Tenn.
Hefley, Chrystal, Jackson, Tenn.
Holland, J. B., Jackson, Tenn.
Hurt, Geo. T., Jackson, Tenn.

Ivy, Gladys, Hickory, Ky.

Jackson, Andrew, Herrin, Ill.
Jones, Evelyn, Jackson, Tenn.

Kloss, J. W., Jackson, Tenn.

Lanier, Ruth, Jackson, Tenn.
Leigh, Robert, Eupora, Miss.
Lewis, Gilbert, Villa Ridge, Ill.

Marshall, Alice, Blytheville, Ark.
Marshall, Newt, Woodland Mills, Tenn.
Mason, Mary, Humboldt, Tenn.
McClure, Mozelle, Jackson, Tenn.
McCorkle, Una Dell, Jackson, Tenn.
McKnight, H. R., Bogota, Tenn.
McNeeley, Nelle, Orlinda, Tenn.
Morton, Garnett, Farmington, Ky.
Mullins, Estelle, Peakland, Tenn.
Murdock, Bertha E., Rutherford, Tenn.

Payne, James, Bardwell, Ky.
Peeples, Gladys, Jackson, Tenn.
Perry, Harley, Greenfield, Tenn.
Pierce, Malcolm, Hornsby, Tenn.
Poole, L. H., Jackson, Tenn.
Porter, Rose, Derwood, Md.
Poynter, Imogene, Sharon, Tenn.
Pudor, Howard, Chicago, Ill.

Rainwater, O. C., Covin, Ala.
Ray, Katie, Jackson, Tenn.
Rich, Frank, Candler, N. C.
Roberts, Frances, Union City, Tenn.
Rogers, Carl, Jackson, Tenn.
Romans, Charline, Jackson, Tenn.
Rucker, Maurice, Jackson, Tenn.

Simpson, Mrs. W. B., Friendship, Tenn.
Sipes, Hermie, Leapwood, Tenn.
Stripling, Vernon, Jackson, Tenn.

Taylor, Andrew, Jr., Jackson, Tenn.
Thompson, Inman, Kenton, Tenn.
Thompson, Leula, Jackson, Tenn.
Titsworth, Horace, Bandana, Ky.
Tomlin, Rubye, Jackson, Tenn.
Turnage, Frances K., Tullahoma, Tenn.
Turner, Guy, Jackson, Tenn.

Warren, Noble, Jackson, Tenn.
Webb, Altona, Jackson, Tenn.
Webb, Mary K., Lexington, Tenn.
Whitelaw, Mary, Brownsville, Tenn.
Whitson, Edward, Trimble, Tenn.
Williams, James E., Henderson, Tenn.
Woods, W. A., Big Sandy, Tenn.
Woodward, H. B., Jackson, Tenn.

JUNIORS

Armstrong, John L., Mounds, Ill.

Bain, Bernice, Henderson, Tenn.
Bain, Robbie, Henderson, Tenn.
Bell, Alice, Life, Tenn.
Blackwood, Wilson, Rector, Ark.
Blount, Pauline, Decaturville, Tenn.
Boone, Roe, Medina, Tenn.
Borum, Seville, Marion, Ill.
Bradley, Ethel, Dyer, Tenn.
Brint, D. L., Hornsby, Tenn.

Chaffin, Floyd, Jonesboro, Ark.
Chambers, Alta, Halls, Tenn.
Chandler, Corilla, Jackson, Tenn.

Davis, Laird, Hornsby, Tenn.
Davis, Neill, Pinson, Tenn.
Doyle, Esther, Bolivar, Tenn.
Duck, Jesse, Dyer, Tenn.
Duncan, Harmon, Jackson, Tenn.

Elliott, Casey, Bells, Tenn.

Farnsworth, Mrs. Edna, Sugar Tree, Tenn.
Fisher, Jessie Oakley, Jackson, Tenn.
Frazier, Roy, Savannah, Tenn.
Fuller, Ruth, Memphis, Tenn.
Fuller, Woodrow, Memphis, Tenn.

Gates, Mary, Bartlett, Tenn.
Greenfield, Ida, Little Rock, Ark.

Hamilton, Irma, Selmer, Tenn.
Hamm, Olivia, Ramer, Tenn.
Harrison, A. B., Kenton, Tenn.
Hartley, Virgil, Eagle Creek, Tenn.
Hewlett, Maurice, Memphis, Tenn.
Holcomb, Lucille B., Jackson, Tenn.
Hoover, Mildred, Stantonville, Tenn.
Hudson, Mrs. M. L., Middleton, Tenn.
Hunt, Evelyn, Jackson, Tenn.
Hunt, Grace, Fruitland, Tenn.
Hunt, Nannie Mae, Jackson, Tenn.
Hurt, Jimmie, Jackson, Tenn.
Hurt, Mary Lee, Jackson, Tenn.

Jennings, A. L., Parsons, Tenn.
Jones, Frank, Jackson, Tenn.

Kee, L. G., Jackson, Miss.
Kee, Mary Farrell, Jackson, Miss.
Kennedy, Guy, Scotts Hill, Tenn.
Kirby, Mrs. R. H., Jackson, Tenn.
Kirksey, Howard, Whiteville, Tenn.

Lauderdale, Cecil V., Booneville, Miss.
Lowry, Calvin, Raynham, N. C.

McDaniel, Martha E., Bemis, Tenn.
McGee, Margaret, Jackson, Tenn.
McMaster, Elizabeth G., Jackson, Tenn.
Marbury, Mary Ethel, Jackson, Tenn.
Meadows, Paul, Henderson, Tenn.
Medling, William, Jackson, Tenn.
Mester, Donald, Jackson, Tenn.
Milam, Cecil, Decaturville, Tenn.
Miller, Harley, Jackson, Tenn.
Miller, Helen, Memphis, Tenn.
Moore, Cecil, Rienzi, Miss.
Moore, Una, Rienzi, Miss.
Morris, Minnie Lee, Jackson, Tenn.
Murphy, Florence, Jackson, Tenn.
Myracle, Allie Ray, Parsons, Tenn.

Noonan, Elizabeth, Jackson, Tenn.
Nowell, Maggie M., Trenton, Tenn.

Oakley, Louise, Lexington, Tenn.

Page, J. H., Lexington, Tenn.
Park, Alleen, Friendship, Tenn.
Pharr, Juanita, Booneville, Miss.
Pike, Nona, Henderson, Tenn.
Pyle, Carson, Harriman, Tenn.

Ramer, Warren, Jackson, Tenn.
Ringold, Eula Mae, Wildersville, Tenn.
Rose, Ernie, Jackson, Tenn.

Sargent, Mabel T., Booneville, Miss.
Shelton, Gilmer, Jackson, Tenn.
Spellings, Lera, Milan, Tenn.
Stark, Katherine, Memphis, Tenn.
Steele, A. J., Clifton, Tenn.
Stinson, Almeda, Milan, Tenn.
Stubblefield, Dewey A., Kevil, Ky.
Sublett, Grace, Eaton, Tenn.
Sutherland, Robert, Union City, Tenn.

Thornberry, J. E., Fulton, Miss.
Tompkins, Juanita, Memphis, Tenn.
Trantham, Alma, Rienzi, Miss.

Viar, DeWitt, Halls, Tenn.

Ward, Lee Pope, Jackson, Tenn.
Ward, Worley, Henderson, Tenn.

Whaley, Milo, Middleton, Tenn.
Wilson, C. M., Bethel Springs, Tenn.
Wingo, Charles, Bradford, Tenn.
Wisdom, Loraine, Jackson, Tenn.
Wright, Lester, Jackson, Tenn.

SOPHOMORES

Adair, Mary Avis, Booneville, Miss.
Allen, Ruth, Trenton, Tenn.
Ammons, R. L., Henning, Tenn.
Anderson, Charles, Jackson, Tenn.

Bailey, Rachel, Mercer, Tenn.
Baldridge, Howard, Lanett, Ala.
Bass, J. W., Jackson, Tenn.
Belew, Mrs. Paul, Medina, Tenn.
Bell, Imogene, Jackson, Tenn.
Bennett, Howard, Humboldt, Tenn.
Blankenship, Rafe, Beech Bluff, Tenn.
Blalock, Margaret, Whiteville, Tenn.
Bolen, Mrs. Opal, Wildersville, Tenn.
Bond, Mrs. Vernon, Denmark, Tenn.
Booker, Catherine, Jackson, Tenn.
Boothe, Irene, Brownsville, Tenn.
Boswell, Lorene, Wildersville, Tenn.
Brint, Annie Maude, Middleton, Tenn.
Brown, Ruby Ann, Sardis, Tenn.
Bryan, Newell, Nashville, Tenn.

Cantrell, Ozella, Sugar Tree, Tenn.
Carlton, Penick, Arcadia, Fla.
Cates, Clyde, Bradford, Tenn.
Cawthon, John, Beech Bluff, Tenn.
Chester, Laura, Jackson, Tenn.
Churchwell, Arggie, Decaturville, Tenn.
Clark, Elizabeth, Gates, Tenn.
Clemons, Marion, Jackson, Tenn.
Cliff, Elsie, Bolivar, Tenn.
Cobb, Louise, Jackson, Tenn.
Coble, Catherine, Parsons, Tenn.
Cole, Billy, Jackson, Tenn.
Coleman, Jane, Trenton, Tenn.
Collins, Stella, Portland, Tenn.
Colvin, Althea Ann, Henning, Tenn.
Cornelius, Georgia L., Middleton, Tenn.
Craig, Mai C., Newbern, Tenn.
Crihfield, Amelia, Ripley, Tenn.
Currie, Pauline, Brownsville, Tenn.

Davis, Mrs. Clara, Pinson, Tenn.
Davis, Mrs. Robert, Pinson, Tenn.
DeLoach, Mrs. Eugene, Jackson, Tenn.
Deere, Evelyn H., Lexington, Tenn.
Derryberry, Eva Lee, Wildersville, Tenn.
Dixon, Della, Middleton, Tenn.
Dixon, Mrs. R. A., Middleton, Tenn.
Douglas, J. L., Juno, Tenn.
Douglas, Seabbie, Wildersville, Tenn.
Duke, Ola, Jackson, Tenn.
Duncan, Josephine, Decaturville, Tenn.
Duncan, O. L., Decaturville, Tenn.

Edge, Bessie Smith, Rienzi, Miss.
Evans, Lounell, Chesterfield, Tenn.
Ellis, Ruth, Humboldt, Tenn.

Farrar, Golden Gifford, Camden, Tenn.
Finley, Charles, Dyersburg, Tenn.
Fisher, Dan, Jackson, Tennessee
Flanagan, Hilda Cobb, Brownsville, Tenn.
Forbis, Rebecca, Jackson, Tenn.
Fowlkes, Pattie E., Dyersburg, Tenn.
Freeman, Joseph A., Lawrenceburg, Tenn.

Gallien, Mrs. V. W., Waynesboro, Tenn.
Gannon, Annie, Medon, Tenn.
Gateley, Mrs. Cora Mae, Cedar Grove, Tenn.
Gateley, Gladys, Cedar Grove, Tenn.
Gibson, Mattie, Parsons, Tenn.
Gifford, Mary, Jackson, Tenn.
Gilliam, Loyce, Luray, Tenn.
Goodrich, Lucy, Medina, Tenn.
Guy, Gladys, Jackson, Tenn.

Hall, Ophelia, Lexington, Tenn.
Harlan, Roy E., Barlow, Ky.
Hart, Eloise, Dyersburg, Tenn.
Harwood, Glynn, Memphis, Tenn.
Helm, Webster, Jackson, Tenn.
Hester, Eunice, Bethel Springs, Tenn.
Hicks, Minnie, Dyersburg, Tenn.
Hill, Tience, Middleton, Tenn.
Holland, Arlynn, Camden, Tenn.
Holmes, C. L., Malesus, Tenn.
Holt, Harwood, Brentwood, Tenn.

Horton, Dorothy, Humboldt, Tenn.
Hudson, Leone, Whiteville, Tenn.
Hunt, Fanchion, Fruitland, Tenn.
Hunt, Wilma, Whiteville, Tenn.
Hurt, Frances, Halls, Tenn.

Ijams, Carroll, Jackson, Tenn.
Ingram, Alvin, Jackson, Tenn.
Ingram, Joe, Dresden, Tenn.

Jean, Wilburn, Taft, Tenn.
Jennings, Ethel McHughes, Malesus, Tenn.
Johnson, Birthel, Huron, Tenn.
Johnson, Mrs. Deliah, Decaturville, Tenn.
Johnson, George, Scotts Hill, Tenn.
Johnson, Lois, Sardis, Tenn.
Johnson, Mary, Jackson, Tenn.
Johnson, Myrtle, Decaturville, Tenn.
Jones, Cloise, Stantonville, Tenn.
Jones, Lawrence, Jackson, Tenn.
Jones, Marguerite, Bradford, Tenn.
Jones, Mary Helen, Mercer, Tenn.
Jones, Lurline, Rienzi, Miss.
Jones, Naomi Walker, Parsons, Tenn.
Jones, Ruth, Dyer, Tenn.

Keathley, William, Dyer, Tenn.
Kellar, A. C., Toone, Tenn.
Keller, Myrtis, Whiteville, Tenn.
Kelly, Albert, Covington, Tenn.
Kinsey, Sara Elizabeth, Jackson, Tenn.
Kent, Mildred, Lexington, Tenn.
Kloss, Mrs. J. W., Jackson, Tenn.
Kuhns, Bob, Jackson, Tenn.

Lewis, Fred, Medina, Tenn.
Lineberry, Parker, Jackson, Tenn.
Long, Eugene, Booneville, Miss.
Love, Frank, Jackson, Tenn.
Lowery, Fred, Tiptonville, Tenn.
Luckey, Elizabeth, Gibson, Tenn.
Luckey, Freeman, Jackson, Tenn.

McAdoo, Mrs. W. O., Oakfield
McClintock, Kersenia, Hornsby, Tenn.
McMurray, Lula Mae, Lexington, Tenn.
McPeake, Cora, Waynesboro, Tenn.
McPeake, W. T., Jr., Jackson, Tenn.
Mallis, Allie Reynolds, Perryville, Tenn.
Marshall, Ruth, Ellendale, Tenn.
Masters, Ethel, Silerton, Tenn.
May, Mrs. Florence C., Dyersburg, Tenn.
Meeks, Elizabeth, Jackson, Tenn.
Milam, L. H., Huron, Tenn.
Milam, Ruel, Decaturville, Tenn.
Miller, Rubye, Lexington, Tenn.
Milstead, G. L., Gallup, N. M.
Mitchell, Lessie Faye, Bethel Springs, Tenn.
Myracle, Alvin, Decaturville, Tenn.

Nelson, Earle, Mountain Home, Arkansas
Nichols, H. S., Jackson, Tenn.

Odle, Mary, Sugar Tree, Tenn.
Odle, Sue, Parsons, Tenn.

Page, Linnie Sue, Lexington, Tenn.
Page, Minnie, Lexington, Tenn.
Parrish, Hester, Jackson, Tenn.
Partridge, George, Middleton, Tenn.
Pate, Ina, Dyer, Tenn.
Pendergrass, Della Mae, Juno, Tenn.
Perry, Opal, Greenfield, Tenn.
Perry, Mrs. Edna P. Dyersburg, Tenn.
Pope, Margaret, Newbern, Tenn.
Powers, Ira C., Scotts Hill, Tenn.
Pratt, Buna, Bradford, Tenn.

Raines, Ernest W., Parsons, Tenn.
Reagor, Mrs. E. C., Humboldt, Tenn.
Ricks, Olive Lee, Jackson, Tenn.
Ringold, Laelaleigh, Wildersville, Tenn.
Robertson, Kitty, Humboldt, Tenn.
Rochelle, B. G., Jr., Trezevant, Tenn.
Rogers, Albert, Jackson, Tenn.
Rosenheim, Edna Earle, Jackson, Tenn.
Roy, Max, Jackson, Tenn.
Royer, Bernice, Moulton, Ala.
Rucker, Helon, Jackson, Tenn.
Rushing, Jack, Parsons, Tenn.

Siler, Robert, Silerton, Tenn.
Simpson, Mary Louise, Friendship, Tenn.
Simpson, Palmer, Brownsville, Tenn.
Skiles, Otis, Mounds, Illinois
Smith, Annie Grace, Chewalla, Tenn.
Smith, Elizabeth, Millington, Tenn.
Smith, Elnora, Palmersville, Tenn.
Smith, Preston, Bethel Springs, Tenn.

Smith, Mrs. T. Q., Booneville, Miss.
Spain, Charlie, Cedar Grove, Tenn.
Spain, Margaret, Cedar Grove, Tenn.
Spencer, Harold, Trenton, Tenn.
Stewart, David Earle, Brownsville, Tenn.
Summers, Elizabeth, Lexington, Tenn.

Tarlton, A. C., Scotts Hill, Tenn.
Taylor, Essie M., Medon, Tenn.
Thetford, Cecil, Bradford, Tenn.
Thompson, Eloise, Jackson, Tenn.
Thompson, Francis, Ripley, Tenn.
Tilghman, Wilda, Kenton, Tenn.
Tinker, Allie Mae, Perryville, Tenn.
Turner, Bertie, Scotts Hill, Tenn.

Walden, Frances, Booneville, Miss.
Walden, Irene, Booneville, Miss.
Waller, Jessie, Brownsville, Tenn.
Ward, M. W., Decaturville, Tenn.
Ward, Mrs. M. W., Decaturville, Tenn.
Warmath, Walter, Humboldt, Tenn.
Watlington, Clara, Jackson, Tenn.
William, Edna, Bethel Springs, Tenn.
Williams, Mrs. Nell, Dyersburg, Tenn.
Williamson, Nancy, Jackson, Tenn.
Willis, Stephen, Rutherford, Tenn.
Wilson, Loraine, Mercer, Tenn.
Wortham, Mrs. Geo. L., Parsons
Wortham, Herbert, Parsons, Tenn.
Wray, Lucille, Tiptonville, Tenn.
Wright, Mary Nelle, Booneville, Miss.
Wyatt, Lillian, Bruceton, Tenn.
Wyatt, Oma, Stantonville, Tenn.

Yarber, Opal, Belmont, Miss.

FRESHMEN

Adkins, Heloise, Newbern, Tenn.
Allen, Clara, Pinson, Tenn.
Allison, Laverne, Pinson, Tenn.
Alexander, John, Blytheville, Ark.
Armstrong, Odis, Walnut, Miss.
Arnold, Bishop, Central City, Ky.
Ashcraft, Caris, Halls, Tenn.
Avery, Nell, Halls, Tenn.

Bain, Willie Richard, Pinson, Tenn.
Barger, La Nelle, Hollow Rock, Tenn.
Barnett, Billy, Booneville, Miss.
Barr, V. L., Jackson, Tenn.
Bell, Clyde Merkle, Milan, Tenn.
Bell, Juanita, Parsons, Tenn.
Bennett, Mrs. C. R., Jackson, Tenn.
Berryhill, Leighman, Jackson, Tenn.
Birchett, Mary, Jackson, Tenn.
Bobbitt, Mrs. J. A., Lexington, Tenn.
Boone, Ruth, Jackson, Tenn.
Bradford, George, Jackson, Tenn.
Brooks, Dean, Pensacola, Florida
Brooks, Leslie, Jackson, Tenn.
Bruer, Lara, Jackson, Tenn.
Brumbelow, Emodean, Hornsby, Tenn.
Burns, Bobby, Booneville, Miss.
Butler, Gail, Buena Vista, Tenn.

Cade, James H., Jackson, Tenn.
Cantrell, Bernard, Sugar Tree, Tenn.
Carrington, Floyd, Parsons, Tenn.
Champion, Billy, Newbern, Tenn.
Clark, Lorine, Dyersburg, Tenn.
Cole, Mrs. John K., Newbern, Tenn.
Coleman, Hazel, Kossuth, Miss.
Collier, Velma, Martin, Tenn.
Collison, Charles, Jackson, Tenn.
Colvin, J. P., Jackson, Tenn.
Compton, Mrs. G. H., Jackson, Tenn.
Cox, E. E., Hollow Rock, Tenn.
Crider, C. L., Jackson, Tenn.
Crooms, Jennie Mae, Pinson, Tenn.
Cutlip, Mrs. Ora, Jackson, Tenn.

Davis, Dorothy Dill, Jackson, Tenn.
Davenport, Hallie Mae, Medina, Tenn.
Davis, Frank, Bradford, Tenn.
Deere, Jewell, Decaturville, Tenn.
DeVaughn, Lola Belle, Ratliff, Miss.
Donaldson, Dorothy, Brazil, Tenn.
Duncan, Elizabeth, Jackson, Tenn.

Edwards, Luther Clark, Finley, Tenn.
Edwards, Milton, Badgett, Tenn.
Elmore, Lester, Jackson, Tenn.
Elston, Woodrow, Mercer, Tenn.

Fair, Bertis, Jackson, Tenn.
Featherston, Napoleon, Newbern, Tenn.

Finger, Wilma, Jackson, Tenn.
Fitts, Billy, Jackson, Tenn.
Fonville, Lenore, Jackson, Tenn.
Freear, Everett, Jackson, Tenn.
Frey, Francis John, Memphis, Tenn.
Fulghum, Sally, Dyersburg, Tenn.

Gifford, Elsie, Jackson, Tenn.
Gifford, Mildred, Jackson, Tenn.
Gilbert, Leslie, Jackson, Tenn.
Glisson, Mai, Huntingdon, Tenn.
Good, James C., Taft, Tenn.
Gray, Ola Mai, Adamsville, Tenn.
Grisham, Ellis, Booneville, Miss.
Grooms, Jordon, Greenfield, Tenn.
Givens, William, Trenton, Tenn.

Hale, Norman, Dresden, Tenn.
Hammons, O'Vaughn, Memphis, Tenn.
Hanley, Ethel, Corinth, Miss.
Harris, Bernice, Jackson, Tenn.
Hatley, Inez, Camden, Tenn.
Haynes, Harrison, Jackson, Tenn.
Hays, Ernest, Beacon, Tenn.
Herron, Rachel, Jackson, Tenn.
Hicks, Kenneth C., Jackson, Tenn.
Hill, Dallas Lee, Bradford, Tenn.
Holland, Mrs. J. B., Jackson, Tenn.
Hooper, Katheryn, Brownsville, Tenn.
Howley, Marye, Cedar Grove, Tenn.
Hughes, Cornelia, Jackson, Tenn.
Hulme, Albert, Dyersburg, Tenn.
Hundley, Addie Jane, Mercer, Tenn.
Hunt, Mary, Jackson, Tenn.

Inman, Ola, Jackson, Tenn.
Jackson, Thomas, Trimble, Tenn.
Jetton, Martha, Jackson, Tenn.
Johnson, Anna Frances, Newbern, Tenn.
Johnson, Glen, Decaturville, Tenn.
Johnson, Karl R., Jackson, Tenn.
Johnson, Thelma, Jackson, Tenn.
Jones, Janie Sue, Mercer, Tenn.
Jones, Mattie Lou, Humboldt, Tenn.
Jones, Oleita, Juno, Tenn.
Joyner, M. C., Tipton, Tenn.

Kilcrease, Mrs. Jimmie, Middleton, Tenn.
King, Heldon, Big Sandy, Tenn.
Kilzer, Paul, Jackson, Tenn.
King, James Frank, Dyersburg, Tenn.
King, Lloyd, Friendship, Tenn.
Knott, Dennis, Bradford, Tenn.

Ladd, Otera, Newbern, Tenn.
Ladd, Thomas, Newbern, Tenn.
Lambert, Vinna Lou, Jackson, Tenn.
Lane, J. Wilburn, Greenfield, Tenn.
Lane, Mrs. Max, Trenton, Tenn.
Lanier, William, Jackson, Tenn.
Lasater, Fon, Jr., Tiptonville, Tenn.
Latham, Willard, Pinson, Tenn.
Lee, C. F., Wildersville, Tenn.
Lett, Fate Reed, Greenfield, Tenn.
Lewis, Charlie, Buena Vista, Tenn.
Littleton, Rollins, Ashland, Miss.
Long, Icye, Pontotoc, Miss.
Love, Sally, Camden, Tenn.

McCaleb, Gertrude, Bradford, Tenn.
McCord, Willie, Jackson, Tenn.
McCorkle, Sue Alice, Newbern, Tenn.
McCullough, Mrs. Marjorie, Dyersburg, Tenn.
McKinney, H. R., Bath Springs, Tenn.
McKnight, Dorothy, Jackson, Tenn.
McLeod, Helena, Jackson, Tenn.
Mansfield, J. W., South Carrollton, Ky.
Maples, Ann, Mercer, Tenn.
Maxwell, Nelle, Lexington, Tenn.
Mayo, Milton, Milan, Tenn.
Mays, Elsie, Pinson, Tenn.
Meacham, William C., Memphis, Tenn.
Meals, Jane, Gibson, Tenn.
Miller, Terry, Booneville, Miss.
Mills, Bessie Ruth, Jackson, Tenn.
Montgomery, Elbert, Halls, Tenn.
Montgomery, Golie, Bath Springs, Tenn.
Moore Erva, Jackson, Tenn.
Morton, Earle, Bemis, Tenn.
Mullins, Ernest, Greenfield, Tenn.
Myers, Showse, Chalybeate, Miss.

Neely, Mrs. Birdie, Dyersburg, Tenn.
Newman, Fred, Jr., Jackson, Tenn.
Newman, Mallie, Jackson, Tenn.
Newman, Wray, Kenton, Tenn.

Oakley, Faye, Lexington, Tenn.
Odom, Corinne, Big Sandy, Tenn.
Olds, Elkin, Halls, Tenn.
O'Neill, Joseph F., Memphis, Tenn.
Orr, Robert Lee, Cottage Grove, Tenn.
Outlaw, Sidney, Brownsville, Tenn.
Oxford, Hayden, Holloday, Tenn.

Parham, Willie D., Juno, Tenn.
Parrish, Loudelle, Friendship, Tenn.

Parr, Mary O., Jackson, Tenn.
Peeler, Edward P., Stanton, Tenn.
Perkins, Irma, Jackson, Tenn.
Perry, Buddy, Halls, Tenn.
Petty, Everett, Jackson, Tenn.
Phillips, Raymond, Belfast, Tenn.
Piercy, Charles Argo, Oakfield, Tenn.
Pope, Harvard, Grand Junction, Tenn.
Porter, A. W., Greenfield, Tenn.
Pounds, Charles, Jackson, Tenn.
Powell, Marie, Idlewild, Tenn.
Putman, Virginia, Friendship, Tenn.

Ramer, Mrs. Myrtis, Bethel Springs, Tenn.
Randolph, Ernestine, Jackson, Tenn.
Randolph, Frank, New Albany, Miss.
Reale, Ross, Nashville, Tenn.
Reeves, Evelyn, Jackson, Tenn.
Reid, Clara, Jackson, Tenn.
Reid, Velma, Tigrett, Tenn.
Reitzammer, Louis, Jackson, Tenn.
Reitzammer, William, Jackson,
Rhodes, Andros, Wildersville, Tenn.
Rice, David, Ripley, Tenn.
Richards, Oneita, Bells, Tenn.
Richardson, Mrs. Rose, Jackson, Tenn.
Roberts, Mrs. Claudia, Humboldt, Tenn.
Roper, D. R., Ratliff, Miss.
Ross, McCoy, Bolivar, Tenn.
Royer, Spencer, Moulton, Ala.
Rucker, Annie Lee, Dyersburg, Tenn.
Rush, Lee, Jackson, Tenn.
Rust, James, Bells, Tenn.

Scott, Annie Laurie, Jackson, Tenn.
Sharp, Tasso, Greenfield, Tenn.
Shaw, Pauline, Ridgely, Tenn.
Siler, James, Mercer, Tenn.
Simmons, Aaron, Stanton, Tenn.
Skeffington, Jane, Dyersburg, Tenn.
Small, Aral, Darden, Tenn.
Smothers, D. D., Jackson, Tenn.
Snider, Gay William, Lexington, Tenn.
Staten, Dana Grace, Corinth, Miss.
Stephens, Chester, Juno, Tenn.
Stephens, Lilliard, Darden, Tenn.
Stewart, Mrs. J. L., Warren's Bluff, Tenn.
Stewart, Katheryn, Brownsville, Tenn.
Stewart, Ruth, Lexington, Tenn.
Stratton, Euleen, Jackson, Tenn.
Swain, Lanier, Jackson, Tenn.

Taylor, Gordon, Kenton, Tenn.
Taylor, Rebecca, Jackson, Tenn.
Thomason, Clarice, Westport, Tenn.
Thornberry, Mrs. J. E., Fulton, Miss.
Thornton, Joe, Brownsville, Tenn.
Tickle, Margaret, Dyersburg, Tenn.
Tilghman, Dixie, Kenton, Tenn.
Titsworth, Lila, Bandana, Ky.
Townsend, Imogene, Parsons, Tenn.
Trim, Hubbard, Tishomingo, Miss.
Turner, Cordelia Ann, Chewalla, Tenn.
Tyree, Elizabeth, Trenton, Tenn.

Vanden, Mary Louise, Jackson, Tenn.
Vernon, Pauline, Friendship, Tenn.

Walker, Lucy, Dyersburg, Tenn.
Walker, Margaret, Parsons, Tenn.
Waller, Bernice, Hornsby, Tenn.
Wallis, Roy, C., Booneville, Miss.
Ward, Larry, Jackson, Tenn.
Webb, Sara Louise, Lexington, Tenn.
Welch, Carrington, Jackson, Tenn.
West, Brownie, Jackson, Tenn.
White, Landon, Decaturville, Tenn.
Whitley, Lillian, Friendship, Tenn.
Williams, Glynn B., Wheeler, Miss.
Williams, Hazel, Friendship, Tenn.
Williams, Mrs. J. H., Juno, Tenn.
Willis, Elmo, Rutherford, Tenn.

Yarbrough, Herron, Jackson, Tenn.

SPECIAL AND UNCLASSIFIED

Armstrong, Mrs. N. B., Jackson, Tenn.

Brown, Geron, Jackson, Tenn.

Cade, Dorothy, Jackson, Tenn.
Conley, Alamo, Tenn.
Darr, Frances, Jackson, Tenn.

Etheridge, Faye, Jackson, Tenn.
Etheridge, Rubye, Jackson, Tenn.

Farnsworth, C. H., Sugar Tree, Tenn.

Finney, Mrs. Madge O., Dyersburg, Tenn.

Harrington, Laurence, Jackson, Tenn.
Henry, Granville, Bethel Springs, Tenn.
Hillard, Ringo, Jackson, Tenn.
Hollis, Mrs. A. M., Walnut, Miss.

Jaco, John, Booneville, Miss.
Lauderdale, J. M., Jackson, Tenn.
Low, Nell, Jackson, Tenn.

McClure, Mrs. J. R., Dyersburg, Tenn.
McPeake, W. T., Jackson, Tenn.
Mays, J. E., Trenton, Tenn.
Milam, Mrs. L. H., Huron, Tenn.

Ozier, Mrs. R. L., Pinson, Tenn.

Parks, Girthy, Somerville, Tenn.

Polk, Pearl, Jackson, Tenn.
Pollard, E. V., Parsons, Tenn.

Reed, Russell, Jackson, Tenn.
Routon, Vera, Routon, Tenn.
Rutledge, Mrs. L. D., Jackson, Tenn.

Sargent, Mrs. S. S., Booneville, Miss.
Short, Tom, Blytheville, Ark.
Short, Virginia, Brownsville, Tenn.
Smith, Alma, Jackson, Tenn.
Smith, Dora Frances, Booneville, Miss.
Stephenson, Mrs. G. D., Dyersburg, Tenn.

Tapley, Earl, Jackson, Tenn.

Utley, P. L., Camden, Tenn.

Webb, Charles, Jackson, Tenn.

CORRESPONDENCE

Allen, Mrs. Maud, Jackson, Tenn.
Armstrong, Odis, Walnut, Miss.

Breland, O. P., Crawford, Miss.
Buntin, Mrs. Albert, Jackson, Tenn.
Butler, Gail, Buena Vista, Tenn.

Cantrell, Bernard, Sugar Tree, Tenn.
Carter, Bernice, Maury City, Tenn.
Chandler, Corilla, Jackson, Tenn.
Cliff, Elsie, Hornsby, Tenn.
Cloys, Mrs. W. O., Ripley, Tenn.
Colvett, Horace, Alamo, Tenn.

Davis, Dorothy G., Henderson, Tenn.
Duck, Jesse, Dyer, Tenn.
Duffey, Eleanor, Manchester, Ga.

Eason, Flo, Scotts Hill, Tenn.
Eason, Harriet, Scotts Hill, Tenn.
Etheridge, Faye, Jackson, Tenn.
Farnsworth, Mrs. Edna, Sugar Tree, Tenn.

Glover, Louise, Troy, Tenn.
Graves, Mrs. Porter, Medina, Tenn.
Green, Gerald, Dyersburg, Tenn.

Henley, Viva, Trimble, Tenn.
Hickman, Lillian W., Nunnelly, Tenn.

Hill, Bessie, Booneville, Miss.
Hill, Mary Lucille, Booneville, Miss.
Hollis, Mrs. Aurelia, Walnut, Miss.
Hoover, Mildred, Stantonville, Tenn.
Hudson, Leona, Whitehaven, Tenn.
Hurt, George T., Jackson, Tenn.

Jackson, Rubye, Middleton, Tenn.
Jennings, A. L., Parsons, Tenn.
Jones, Frank, Jackson, Tenn.

Kelley, Albert, Burlison, Tenn.
Kemp, Nellie, Rienzi, Miss.
Kirksey, Howard, Whiteville, Tenn.

Lanier, Ruth, Jackson, Tenn.
Lewis, C. E., Maury City, Tenn.
Lowery, Fred, Tiptonville, Tenn.
Luckey, Elizabeth, Humboldt, Tenn.

McKnight, H. R., Bogota, Tenn.
Malone, C. D., Jackson, Tenn.
Marshall, Newt, Woodland Mills, Tenn.
Mays, J. E., Trenton, Tenn.
Meadows, M. B., St. Albans, W. Va.
Meadows, Retta H., St. Albans, W. Va.
Milam, Cecil, Scotts Hill, Tenn.
Moore, L. H., Selmer, Tenn.
Murdock, Bertha, Rutherford, Tenn.

Newberry, C. B., Gleason, Tenn.

Perry, Harley, Greenfield, Tenn.
Pierce, H. R., Rives, Tenn.
Pierce, Rena Mae, Lexington, Tenn.
Pollard, E. V., Parsons, Tenn.
Pope, Harvard, Grand Junction, Tenn.
Powers, Ira C., Scotts Hill, Tenn.

Ramer, Warren, Jackson, Tenn.
Reitzammer, Louis, Jackson, Tenn.
Roberts, Frances, Union City, Tenn.
Robinson, Margie, Selmer, Tenn.
Routon, Vera, Routon, Tenn.
Roy, Max, Jackson, Tenn.

Shelton, Erin, Adamsville, Tenn.
Stacy, Minnie, Ripley, Tenn.
Steele, A. J., Waynesboro, Tenn.
Stripling, Vernon, Newbern, Tenn.

Webb, Mary K., Lexington, Tenn.
Whitlow, Alton, Savannah, Tenn.
Whittington, Annice, Forrest City, Arkansas
Williams, James, Henderson, Tenn.
Williamson, Irene, Maury City, Tenn.
Wilson, C. M., Bethel Springs, Tenn.
Witt, Johnnie, Chalybeate, Miss.
Woods, W. A., Big Sandy, Tenn.
Wright, Lester, Jackson, Tenn.

SUMMARY OF ENROLLMENT 1933-1934

Seniors	82	
Juniors	94	
Sophomores	203	
Freshmen	230	
TOTAL		609
Special and Unclassified	36	
Correspondence	74	
TOTAL		110
LESS COUNTED TWICE	13	
NET TOTAL		706

ACCORDING TO RESIDENCE

Tennessee	621	
Mississippi	49	
Kentucky	9	
Arkansas	7	
Illinois	7	
Alabama	4	
Florida	2	
North Carolina	2	
West Virginia	2	
Georgia	1	
Maryland	1	
New Mexico	1	
TOTAL		706

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CATALOGUE

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